

한국스마트정보교육원

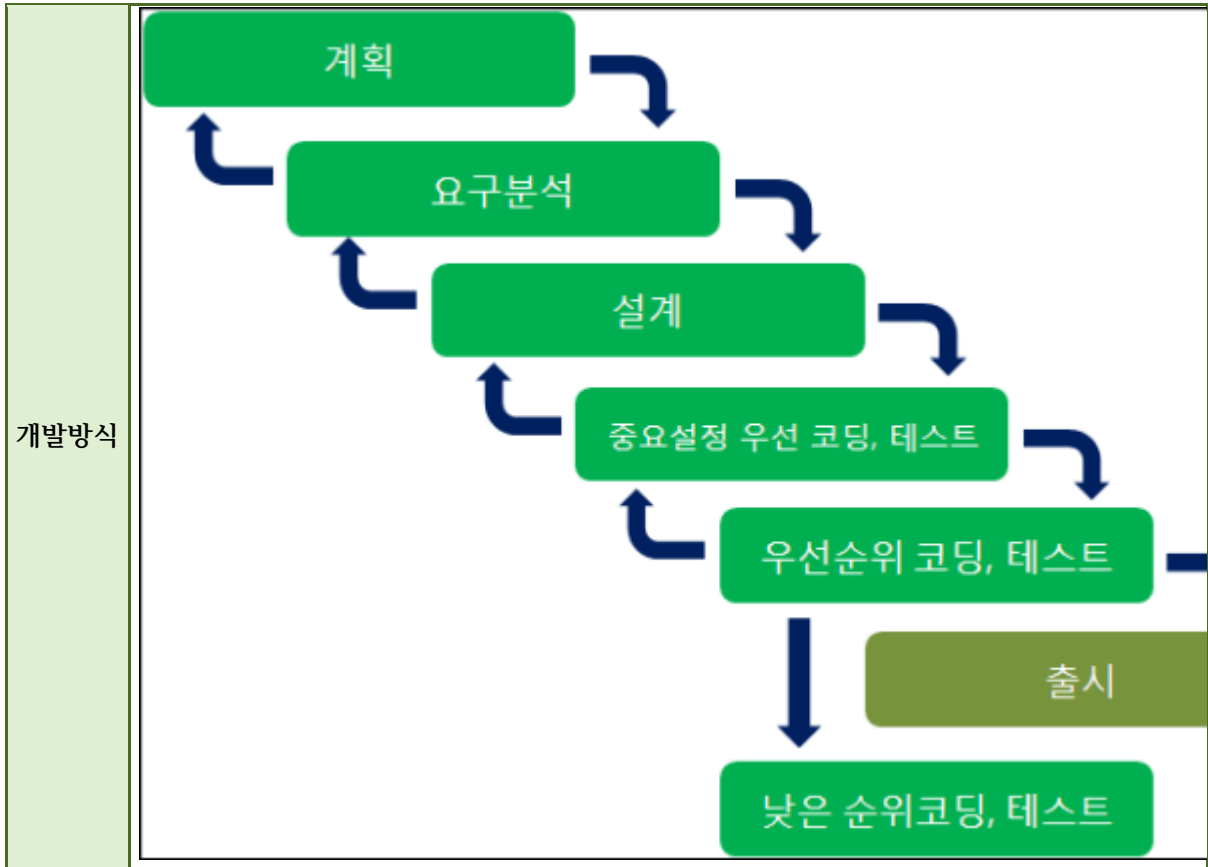
41 기 5 팀 프로젝트 완료 보고서

프로젝트명	
기초 시스템을 구축 및 매장운영에 효율적인 매장관리 시스템	
팀 원	오대성
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작성일	2022.01.25
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GitHub	https://github.com/choiminjoong/GoodsJOC.git

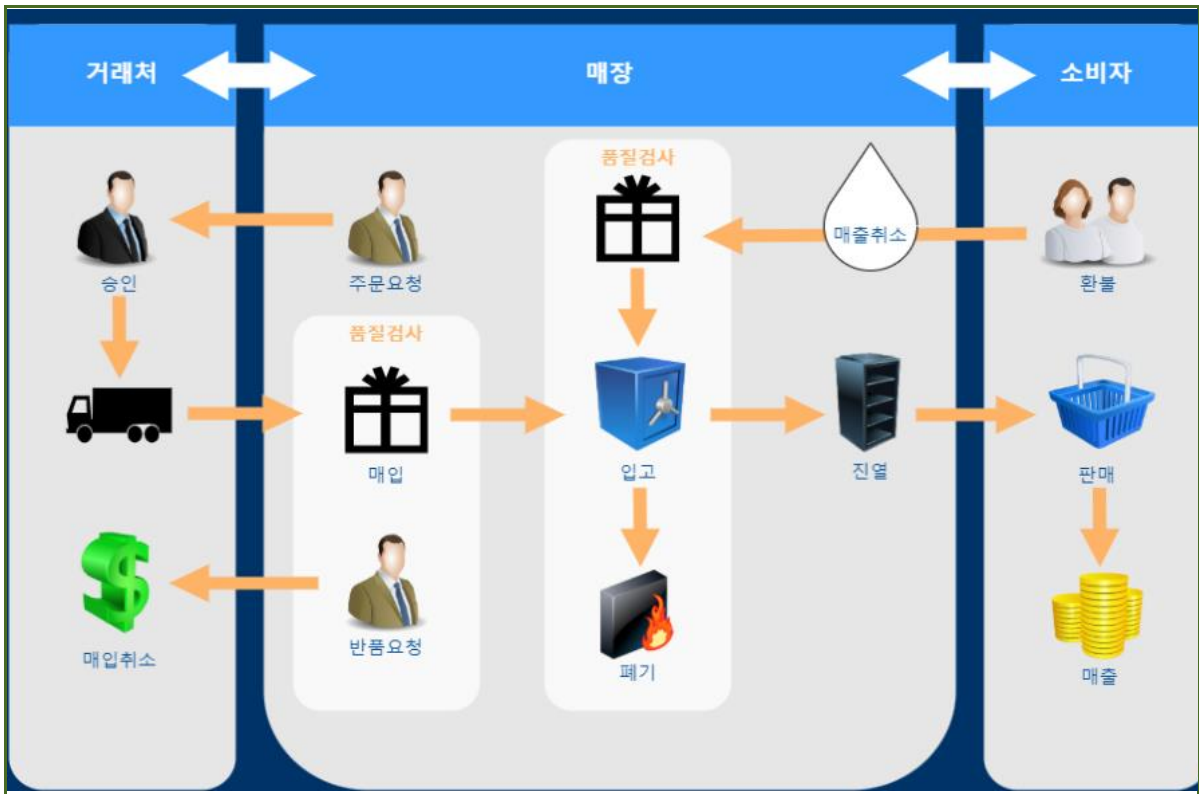
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1. 프로젝트 기본정보

프로젝트 명	기초 시스템을 구축 및 매장운영에 효율적인 매장관리 시스템	
개발기간	■ 2021.06.01.~2021.10.29.(151 일)	
	2021.06.01.~ 2021.06.13.(33 일)	프로젝트 주제 선정 및 사전조사
	2021.06.13.~ 2021.07.15.(27 일)	- 시스템 구조도 작성 - 설계자료 취합, 수정 및 보완 - ERD 작업 및 메서드, 패키지 정리
	2021.07.15.~ 2021.07.19.(5 일)	- 상세자료 입력 / 기능정의서 작성 - 개발환경 설정 - Hosting 설정
	2021.07.19.~2021.07.26.(8 일)	- 각 기능별 상세기준 및 보완사항 확인 / 수정
	2021.07.26.~2021.09.03.(40 일)	- 테스트, 오류 수정 및 보완 - 미완성 기능 구현 - 상세테이블 및 자료 구현 / 수정
	2021.09.03.~2021.10.29.(57 일)	- 완료보고서 / 최종 배포파일 작성
	개발목적	<p>① 매장정보, 직원, 거래처, 상품, 시설 등 기초정보를 손쉽게 관리하여 효율적인 매장관리</p> <p>② 매입-반품-입고-폐기-매장진열-매출-거래취소 등의 정확한 기록으로 확실한 재고관리로 체계적인 매장운영</p> <p>③ 거래이력관리와 이를 분석한 통계로 계획적인 상품 및 거래처 관리</p>



1.1 시스템 구조도



2. 요구사항 정의서

2.1 기능적 요구사항

2.1 기능적 요구사항(개발사 입장)

SW개발사	
기능적 요구사항	시스템 관리자
1.사업장 관리	
1.1 사업장 등록	1.1 사업장 등록
1.2 사업장 정보수정	1.2 사업장 정보수정
1.3 사업장 삭제	1.3 사업장 삭제
1.4 사업장 정보조회	1.4 사업장 정보조회
1.5 사업장 일괄조회	1.5 사업장 일괄조회
1.6 사업장 일괄조회 후 상세조회	1.6 사업장 일괄조회 후 상세조회
2.시스템 권한 관리	
2.1 권한 등록	2.1 권한 등록
2.2 권한 수정	2.2 권한 수정
2.3 권한 삭제	2.3 권한 삭제
2.4 권한 조회	2.4 권한 조회
3.사용자 관리	
3.1 회원가입	3.1 회원가입
3.2 개인정보 조회	3.2 개인정보 조회
3.3 개인정보 수정	3.3 개인정보 수정
3.4 회원 탈퇴	3.4 회원 탈퇴
3.5 회원 권한 수정	3.5 회원 권한 수정
3.6 회원 삭제	3.6 회원 삭제
3.7 사업장별 관리자 조회	3.7 사업장별 관리자 조회
4.직원(사업장별 사용자) 관리	
4.1 직원 조회	4.1 직원 조회
4.2 직원 권한 수정	4.2 직원 권한 수정

2.2 기능적 요구사항(매장 입장)

매장				
기능적 요구사항	관리자	매니저	직원	비권한자
1.사업장 관리				
1.1 사업장 등록				
1.2 사업장 정보수정	1.2 사업장 정보수정			
1.3 사업장 삭제				
1.4 사업장 정보조회	1.4 사업장 정보조회	1.4 사업장 정보조회	1.4 사업장 정보조회	1.4 사업장 정보조회
1.5 사업장 일괄조회				
1.6 사업장 일괄조회 후 상세조회				

매장				
기능적 요구사항	관리자	매니저	직원	비권한자
2.시스템 권한 관리				
2.1 권한 등록				
2.2 권한 수정				
2.3 권한 삭제				
2.4 권한 조회				
3.사용자 관리				
3.1 회원가입	3.1 회원가입	3.1 회원가입	3.1 회원가입	3.1 회원가입
3.2 개인정보 조회	3.2 개인정보 조회	3.2 개인정보 조회	3.2 개인정보 조회	3.2 개인정보 조회
3.3 개인정보 수정	3.3 개인정보 수정	3.3 개인정보 수정	3.3 개인정보 수정	3.3 개인정보 수정
3.4 회원 탈퇴	3.4 회원 탈퇴	3.4 회원 탈퇴	3.4 회원 탈퇴	3.4 회원 탈퇴
3.5 회원 권한 수정				
3.6 회원 삭제				
3.7 사업장별 관리자 조회				
4.직원(사업장별 사용자) 관리				
4.1 직원 조회	4.1 직원 조회	4.1 직원 조회	4.1 직원 조회	
4.2 직원 권한 수정	4.2 직원 권한 수정			
5.거래처 관리				
5.1 거래처 등록	5.1 거래처 등록			
5.2 거래처 수정	5.2 거래처 수정			
5.3 거래처 삭제	5.3 거래처 삭제			
5.4 거래처 조회	5.4 거래처 조회	5.4 거래처 조회	5.4 거래처 조회	
6.시설 관리(창고, 창고진열대, 판매진열대)				
6.1 시설 등록	6.1 시설 등록			
6.2 시설 정보수정	6.2 시설 정보수정			
6.3 시설 삭제	6.3 시설 삭제			
6.4 시설 조회	6.4 시설 조회	6.4 시설 조회	6.4 시설 조회	
7.상품 관리				
7.1 상품카테고리 등록	7.1 상품카테고리 등록	7.1 상품카테고리 등록	7.1 상품카테고리 등록	
7.2 상품카테고리 정보수정	7.2 상품카테고리 정보수정	7.2 상품카테고리 정보수정	7.2 상품카테고리 정보수정	
7.3 상품 카테고리 삭제	7.3 상품 카테고리 삭제	7.3 상품 카테고리 삭제	7.3 상품 카테고리 삭제	
7.4 상품 등록	7.4 상품 등록	7.4 상품 등록	7.4 상품 등록	
7.5 상품 수정	7.5 상품 수정	7.5 상품 수정	7.5 상품 수정	
7.6 상품 삭제	7.6 상품 삭제	7.6 상품 삭제	7.6 상품 삭제	
7.7 상품단가 등록	7.7 상품단가 등록			
7.8 상품단가 수정	7.8 상품단가 수정			
7.9 상품 정보 조회	7.9 상품 정보 조회	7.9 상품 정보 조회	7.9 상품 정보 조회	
8.주문 관리				
8.1 발주 등록	8.1 발주 등록	8.1 발주 등록		
8.2 발주 정보 수정	8.2 발주 정보 수정	8.2 발주 정보 수정		
8.3 발주 삭제	8.3 발주 삭제	8.3 발주 삭제		
8.4 발주 조회	8.4 발주 조회	8.4 발주 조회	8.4 발주 조회	
9.거래관리				
9.1 매출 등록	9.1 매출 등록	9.1 매출 등록	9.1 매출 등록	
9.2 매출 취소	9.2 매출 취소	9.2 매출 취소	9.2 매출 취소	
9.3 매입/매출 조회	9.3 매입/매출 조회	9.3 매입/매출 조회	9.3 매입/매출 조회	
9.4 거래명세서(매입) 조회	9.4 거래명세서(매입) 조회	9.4 거래명세서(매입) 조회	9.4 거래명세서(매입) 조회	
9.5 영수증(매출) 조회	9.5 영수증(매출) 조회	9.5 영수증(매출) 조회	9.5 영수증(매출) 조회	
10.재고관리				
10.1 입고 등록	10.1 입고 등록	10.1 입고 등록	10.1 입고 등록	
10.2 입고 수정	10.2 입고 수정	10.2 입고 수정	10.2 입고 수정	
10.3 입고 삭제	10.3 입고 삭제	10.3 입고 삭제	10.3 입고 삭제	
10.4 재고이동 등록(진열)	10.4 재고이동 등록(진열)	10.4 재고이동 등록(진열)	10.4 재고이동 등록(진열)	
10.5 재고이동 수정	10.5 재고이동 수정	10.5 재고이동 수정	10.5 재고이동 수정	
10.6 재고이동 삭제	10.6 재고이동 삭제	10.6 재고이동 삭제	10.6 재고이동 삭제	
10.7 입/출고내역 조회	10.7 입/출고내역 조회	10.7 입/출고내역 조회	10.7 입/출고내역 조회	
10.8 재고현황 조회	10.8 재고현황 조회	10.8 재고현황 조회	10.8 재고현황 조회	

매장				
기능적 요구사항	관리자	매니저	직원	비권한자
11.반품 및 폐기				
11.1 반품 등록	11.1 반품 등록	11.1 반품 등록	11.1 반품 등록	
11.2 반품 수정	11.2 반품 수정	11.2 반품 수정	11.2 반품 수정	
11.3 반품 삭제	11.3 반품 삭제	11.3 반품 삭제	11.3 반품 삭제	
11.4 폐기 등록	11.4 폐기 등록	11.4 폐기 등록	11.4 폐기 등록	
11.5 폐기 수정	11.5 폐기 수정	11.5 폐기 수정	11.5 폐기 수정	
11.6 폐기 삭제	11.6 폐기 삭제	11.6 폐기 삭제	11.6 폐기 삭제	
11.6 반품/폐기 조회	11.6 반품/폐기 조회	11.6 반품/폐기 조회	11.6 반품/폐기 조회	
12.현황분석				
12.1 상품 통계	12.1 상품 통계	12.1 상품 통계	12.1 상품 통계	
12.2 거래처 통계	12.2 거래처 통계	12.2 거래처 통계	12.2 거래처 통계	

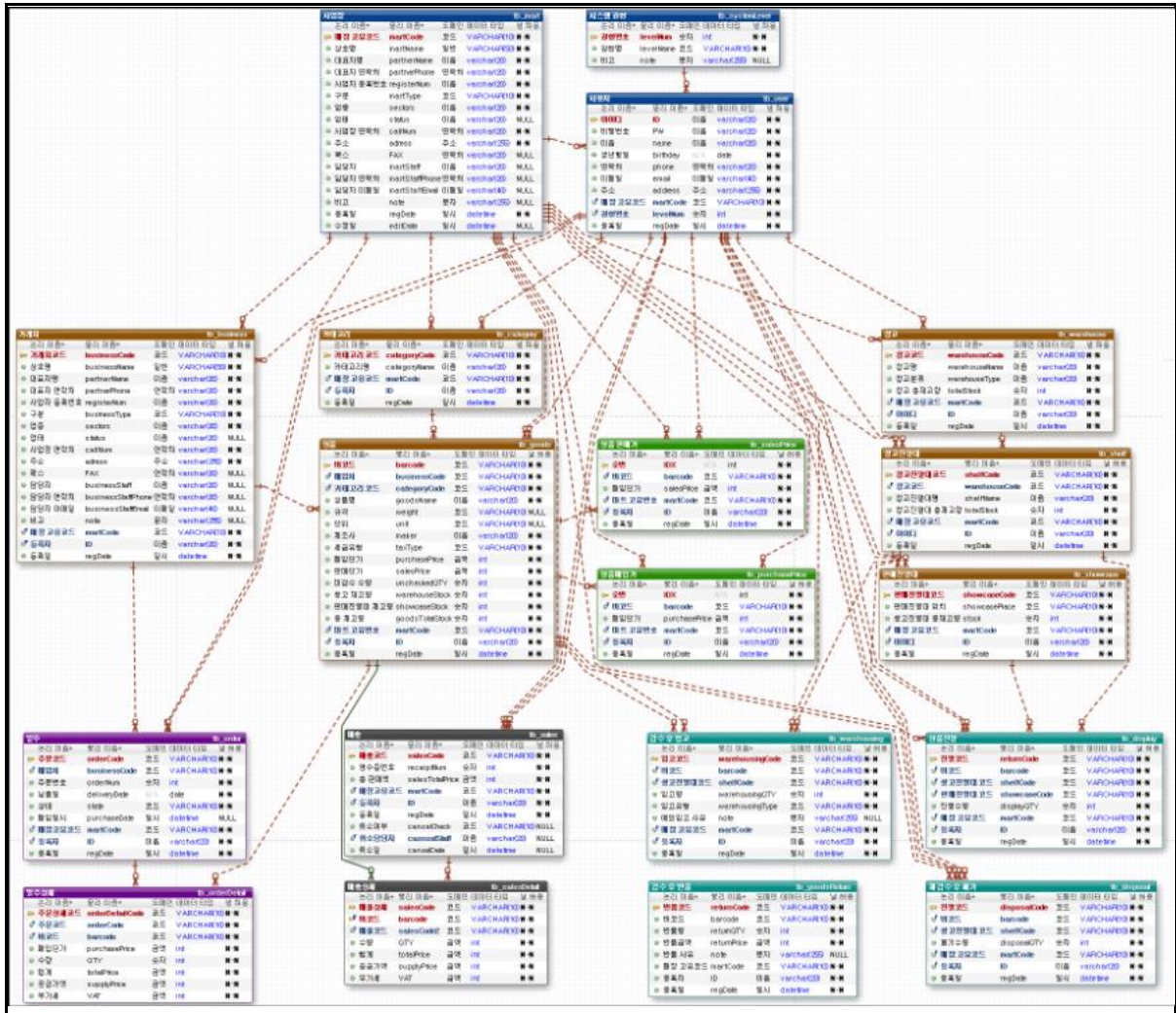
3. 업무분담(담당 업무)

이름	담당 업무	업무 내용
최민중	팀장	회의 진행, 일정관리, 업무 조율
	완료보고서 관리	최종 완료보고서의 작성여부 및 작성도 확인
	프로젝트 상세일정	프로젝트의 상세일정 및 차후 계획 수립
	프로세스 흐름도 작성	팀 프로젝트의 주제의 이해도를 높이기 위한 프로세스 흐름도 작성
	프로젝트 오류 관리	전반적인 프로젝트 오류 관리
	기능정의서 작성	기능별 상세한내용을 작성
	테이블 DB 설계	프로젝트 흐름에 맞는 테이블 설계 및 상세테이블 컬럼 작성
	개발사 화면 구현	개발사 입장에서 등록된 매장 및 회원에 대한 정보관리
	사용자 관리	회원가입, 로그인, 계정활성화/비활성화 등 사용자 관리
	매장관리	매장
	상품관리	
오대성	거래명세서 및 영수증 조회 기능	
	Hosting	프로젝트 호스팅 계정관리, 배포 업무 수행
	백업파일 관리	팀 프로젝트 백업파일 관리
	기능정의서 작성	기능별 상세한내용을 작성
	상세자료입력	테이블 DB 작성 토대로 테이블 구조와 상세내용을 문서화하여 작성
	네이밍 규칙	공통으로 사용하는 키워드 규칙 작성
	클래스 경로작성	개발문서 내에 클래스 경로 작성
시설관리	창고, 창고진열대, 판매진열대 등록 및 검색, 조회 정보 관리	

	입/출고 관리	입/출고 정보 등록 및 검색, 조회 정보 관리
	상품 진열에 대한 재고이동 관리	상품 진열에 대한 정보 제공 및 등록, 검색, 조회, 수정 관리
	반품/폐기 관리	반품/폐기 정보 등록 및 검색, 조회 관리
	매입관리	주문 승인에 대한 상품매입 관리
정도혜	회의록작성	팀 프로젝트 시 진행한 회의록 작성 (회의내용 및 느낀점 작성)
	개발문서 문서관리	팀프로젝트 개발문서 버전관리
	기능정의서 작성	기능별 상세한 내용을 작성
	상세자료입력	테이블 DB 작성 토대로 테이블 구조와 상세내용을 문서화하여 작성
	ERD 작성	exERD 를 이용하여 팀프로젝트 DB 테이블 ERD 작성
	화면경로	각 클래스의 화면 경로 확인 및 오류사항 수정
	직원관리	직원조회 및 검색과 직원권한수정
	거래처 관리	거래처조회 및 검색과 거래처등록, 거래처정보수정 및 취소
	주문관리	주문조회 및 검색 및 주문서상세보기, 주문취소
	매출관리	판매 및 판매취소에 대한 상품수량 및 매출관리

4. 설계사양서

4.1 ERD 물리 & 논리 모드



4.2 테이블 구조

사업장 (tb_mart)					
논리명	물리명	도메인	데이터 타입	Not Null	설명
매장 고유코드(PK)	martCode	코드	VARCHAR(10)	Y	
상호명	martName	일반	VARCHAR(50)	Y	
대표자명	partnerName	이름	VARCHAR(50)	Y	
대표자 연락처	partnerPhone	연락처	VARCHAR(20)	Y	
사업자 등록번호	registerNum	이름	VARCHAR(50)	Y	

구분	martType	코드	VARCHAR(10)	Y	
업종	sectors	이름	VARCHAR(50)	Y	
업태	status	이름	VARCHAR(50)	N	
사업장 연락처	callNum	연락처	VARCHAR(20)	Y	
주소	adress	주소	VARCHAR(255)	Y	
팩스	FAX	연락처	VARCHAR(20)	N	
담당자	martStaff	이름	VARCHAR(50)	N	
담당자 연락처	martStaffPhone	연락처	VARCHAR(20)	N	
담당자 이메일	martStaffEmail	이메일	VARCHAR(40)	N	
비고	note	문자	VARCHAR(255)	N	
등록일	regDate	일시	DATETIME	Y	
수정일	editDate	일시	DATETIME	N	

시스템 권한 (tb_systemLevel)

논리명	물리명	도메인	데이터 타입	Not Null	설명
권한번호(PK)	levelNum	숫자	INTEGER	Y	
권한명	levelName	코드	VARCHAR(10)	Y	
비고	note	문자	VARCHAR(255)	N	

사용자 (tb_user)

논리명	물리명	도메인	데이터 타입	Not Null	설명
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아이디(PK)	ID	이름	VARCHAR(50)	Y	
비밀번호	PW	이름	VARCHAR(50)	Y	
이름	name	이름	VARCHAR(50)	Y	
생년월일	birthday	N/A	DATE	Y	
연락처	phone	연락처	VARCHAR(20)	Y	
이메일	email	이메일	VARCHAR(40)	Y	
주소	address	주소	VARCHAR(255)	Y	
매장 고유코드(FK)	martCode	코드	VARCHAR(10)	Y	
권한번호(FK)	levelNum	숫자	INTEGER	Y	
등록일	regDate	일시	DATETIME	Y	

거래처 (tb_business)					
논리명	물리명	도메인	데이터 타입	Not Null	설명
거래처코드(PK)	businessCode	숫자	INTEGER	Y	
상호명	businessName	일반	VARCHAR(50)	Y	
대표자명	partnerName	이름	VARCHAR(50)	Y	
대표자 연락처	partnerPhone	연락처	VARCHAR(20)	Y	
사업자 등록번호	registerNum	이름	VARCHAR(50)	Y	
구분	businessType	코드	VARCHAR(10)	Y	
업종	sectors	이름	VARCHAR(50)	Y	

업태	status	이름	VARCHAR(50)	N	
사업장 연락처	callNum	연락처	VARCHAR(20)	Y	
주소	adress	주소	VARCHAR(255)	Y	
팩스	FAX	연락처	VARCHAR(20)	N	
담당자	businessStaff	이름	VARCHAR(50)	N	
담당자 연락처	businessStaffPhone	연락처	VARCHAR(20)	N	
담당자 이메일	businessStaffEmail	이메일	VARCHAR(40)	N	
비고	note	문자	VARCHAR(255)	N	
매장 고유코드(FK))	martCode	코드	VARCHAR(10)	Y	
등록자(FK)	ID	이름	VARCHAR(50)	Y	
등록일	regDate	일시	DATETIME	Y	

카테고리 (tb_category)					
논리명	물리명	도메인	데이터 타입	Not Null	설명
카테고리 코드(PK)	categoryCode	숫자	INTEGER	Y	
카테고리명	categoryName	이름	VARCHAR(50)	Y	
매장 고유코드(FK)	martCode	코드	VARCHAR(10)	Y	
등록자(FK)	ID	이름	VARCHAR(50)	Y	
등록일	regDate	일시	DATETIME	Y	

상품 (tb_goods)					
논리명	물리명	도메인	데이터 타입	Not Null	설명
바코드(PK)	barcode	코드	VARCHAR(10)	Y	
매입처(FK)	businessCode	숫자	INTEGER	Y	
카테고리 코드(FK)	categoryCode	숫자	INTEGER	Y	
상품명	goodsName	이름	VARCHAR(50)	Y	
규격	weight	코드	VARCHAR(10)	N	
단위	unit	코드	VARCHAR(10)	N	
제조사	maker	이름	VARCHAR(50)	Y	
세금유형	taxType	코드	VARCHAR(10)	Y	
매입단가	purchasePrice	금액	INTEGER	Y	
판매단가	salesPrice	금액	INTEGER	Y	
미검수 수량	uncheckedQTY	숫자	INTEGER	Y	
창고 재고량	warehouseStock	숫자	INTEGER	Y	
판매진열대 재고량	showcaseStock	숫자	INTEGER	Y	
총 재고량	goodsTotalStock	숫자	INTEGER	Y	
마트 고유번호(FK)	martCode	코드	VARCHAR(10)	Y	
등록자(FK)	ID	이름	VARCHAR(50)	Y	
등록일	regDate	일시	DATETIME	Y	

상품매입가 (tb_purchasePrice)					
논리명	물리명	도메인	데이터 타입	Not Null	설명
순번(PK)	IDX	숫자	INTEGER	Y	
바코드(FK)	barcode	코드	VARCHAR(10)	Y	
매입단가	purchasePrice	금액	INTEGER	Y	
마트 고유번호(FK)	martCode	코드	VARCHAR(10)	Y	
등록자(FK)	ID	이름	VARCHAR(50)	Y	
등록일	regDate	일시	DATETIME	Y	

상품 판매가 (tb_salesPrice)					
논리명	물리명	도메인	데이터 타입	Not Null	설명
순번(PK)	IDX	숫자	INTEGER	Y	
바코드(FK)	barcode	코드	VARCHAR(10)	Y	
매입단가	salesPrice	금액	INTEGER	Y	
마트 고유번호(FK)	martCode	코드	VARCHAR(10)	Y	
등록자(FK)	ID	이름	VARCHAR(50)	Y	
등록일	regDate	일시	DATETIME	Y	

창고 (tb_warehouse)					
논리명	물리명	도메인	데이터 타입	Not Null	설명
창고코드(PK)	warehouseCode	숫자	INTEGER	Y	

창고명	warehouseName	이름	VARCHAR(50)	Y	
창고분류	warehouseType	이름	VARCHAR(50)	Y	
창고 총재고량	totalStock	숫자	INTEGER	Y	
매장 고유코드(FK)	martCode	코드	VARCHAR(10)	Y	
아이디(FK)	ID	이름	VARCHAR(50)	Y	
등록일	regDate	일시	DATETIME	Y	

발주 (tb_order)

논리명	물리명	도메인	데이터 타입	Not Null	설명
주문코드(PK)	orderCode	숫자	INTEGER	Y	
매입처(FK)	businessCode	숫자	INTEGER	Y	
주문번호	orderNum	숫자	INTEGER	Y	
납품일	deliveryDate	일시	DATETIME	Y	
상태	state	코드	VARCHAR(10)	Y	
매입일시	purchaseDate	일시	DATETIME	N	
매장고유코드(FK)	martCode	코드	VARCHAR(10)	Y	
등록자(FK)	ID	이름	VARCHAR(50)	Y	
등록일	regDate	일시	DATETIME	Y	

발주상세 (tb_orderDetail)

논리명	물리명	도메인	데이터 타입	Not Null	설명
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주문상세코드(PK)	orderDetailCode	숫자	INTEGER	Y	
주문코드(FK)	orderCode	숫자	INTEGER	Y	
바코드(FK)	barcode	코드	VARCHAR(10)	Y	
매입단가	purchasePrice	금액	INTEGER	Y	
수량	QTY	숫자	INTEGER	Y	
합계	totalPrice	금액	INTEGER	Y	
공급가액	supplyPrice	금액	INTEGER	Y	
부가세	VAT	금액	INTEGER	Y	

창고진열대 (tb_shelf)

논리명	물리명	도메인	데이터 타입	Not Null	설명
창고진열대코드(PK)	shelfCode	숫자	INTEGER	Y	
창고코드(FK)	warehouseCode	숫자	INTEGER	Y	
창고진열대명	shelfName	이름	VARCHAR(50)	Y	
창고진열대 총재고량	totalStock	숫자	INTEGER	Y	
매장 고유코드(FK)	martCode	코드	VARCHAR(10)	Y	
아이디(FK)	ID	이름	VARCHAR(50)	Y	
등록일	regDate	일시	DATETIME	Y	

판매진열대 (tb_showcase)

논리명	물리명	도메인	데이터 타입	Not Null	설명
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판매진열대코드(PK)	showcaseCode	숫자	INTEGER	Y	
판매진열대 위치	showcasePlace	코드	VARCHAR(10)	Y	
창고진열대 총재고량	stock	숫자	INTEGER	Y	
매장 고유코드(FK)	martCode	코드	VARCHAR(10)	Y	
아이디(FK)	ID	이름	VARCHAR(50)	Y	
등록일	regDate	일시	DATETIME	Y	

검수 후 입고 (tb_warehousing)

논리명	물리명	도메인	데이터 타입	Not Null	설명
입고코드(PK)	warehousingCode	숫자	INTEGER	Y	
바코드(FK)	barcode	코드	VARCHAR(10)	Y	
창고진열대코드(FK)	shelfCode	숫자	INTEGER	Y	
입고량	warehousingQTY	숫자	INTEGER	Y	
입고유형	warehousingType	코드	VARCHAR(10)	Y	
예외입고 사유	note	문자	VARCHAR(255)	N	
매장 고유코드(FK)	martCode	코드	VARCHAR(10)	Y	
등록자(FK)	ID	이름	VARCHAR(50)	Y	
등록일	regDate	일시	DATETIME	Y	

검수 후 반품 (tb_goodsReturn)					
논리명	물리명	도메인	데이터 타입	Not Null	설명
반품코드(PK)	returnCode	숫자	INTEGER	Y	
바코드	barcode	코드	VARCHAR(10)	Y	
반품량	returnQTY	숫자	INTEGER	Y	
반품금액	returnPrice	금액	INTEGER	Y	
반품 사유	note	문자	VARCHAR(255)	N	
매장 고유코드	martCode	코드	VARCHAR(10)	Y	
등록자	ID	이름	VARCHAR(50)	Y	
등록일	regDate	일시	DATETIME	Y	

상품진열 (tb_display)					
논리명	물리명	도메인	데이터 타입	Not Null	설명
진열코드(PK)	returnCode	숫자	INTEGER	Y	
바코드(FK)	barcode	코드	VARCHAR(10)	Y	
창고진열대 코드(FK)	shelfCode	숫자	INTEGER	Y	
판매진열대 코드(FK)	showcaseCode	숫자	INTEGER	Y	
진열수량	displayQTY	숫자	INTEGER	Y	
매장 고유코드(FK)	martCode	코드	VARCHAR(10)	Y	
등록자(FK)	ID	이름	VARCHAR(50)	Y	

등록일	regDate	일시	DATETIME	Y	
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재검수 후 폐기 (tb_disposal)					
논리명	물리명	도메인	데이터 타입	Not Null	설명
폐기코드(PK)	disposalCode	숫자	INTEGER	Y	
바코드(FK)	barcode	코드	VARCHAR(10)	Y	
창고진열대 코드(FK)	shelfCode	숫자	INTEGER	Y	
폐기수량	disposalQTY	숫자	INTEGER	Y	
매장 고유코드(FK)	martCode	코드	VARCHAR(10)	Y	
등록자(FK)	ID	이름	VARCHAR(50)	Y	
등록일	regDate	일시	DATETIME	Y	

매출 (tb_sales)					
논리명	물리명	도메인	데이터 타입	Not Null	설명
매출코드(PK)	salesCode	숫자	INTEGER	Y	
영수증번호	receiptNum	숫자	INTEGER	Y	
총 판매액	salesTotalPrice	금액	INTEGER	Y	
매장고유코드(FK)	martCode	코드	VARCHAR(10)	Y	
등록자(FK)	ID	이름	VARCHAR(50)	Y	
등록일	regDate	일시	DATETIME	Y	
취소여부	canselCheck	코드	VARCHAR(10)	N	

취소담당자(FK)	casnseStaff	이름	VARCHAR(50)	N	
취소일	canselDate	일시	DATETIME	N	

매출상세 (tb_salesDetail)					
논리명	물리명	도메인	데이터 타입	Not Null	설명
매출상세(PK)	salesCode	숫자	INTEGER	Y	
바코드(PFK)	barcode	코드	VARCHAR(10)	Y	
매출코드(FK)	salesCode2	숫자	INTEGER	Y	
수량	QTY	금액	INTEGER	Y	
합계	totalPrice	금액	INTEGER	Y	
공급가액	supplyPrice	금액	INTEGER	Y	
부가세	VAT	금액	INTEGER	Y	

4.3 네이밍 규칙

패 키 지 구 조	▶ Level 0 : 배포할 프로젝트 명을 뒤에서 부터 명칭	
	▶ Level 1 : Web Application 구성 요소로 구분 (ex: controller, service, mapper, domain, config, interceptor)	
	▶ Level 2 : 실구현체 이름 + 접미사: 상위 패키지 네이밍 (파스칼 표기법) (ex: MemberController, CourseService, OperationMapper)	
	Level 0	Level 1
k5.goodsjoc	controller	UserController.java
	service	UserService.java
	mapper	UserMapper.java

		dto	User.java	
		config	WebConfig.java	
		interceptor	LoginInterceptor.java	
명명 규칙	▶ 공통			
	모든 이름은 a-z, A-Z, 0-9 의 글자로 조합한다.			
	프로그램 내에서 사용하는 모든 이름은 64 자를 넘지 않는 것으로 한다.			
	정확한 의미 전달을 위해 약어의 사용은 피한다.			
	특수기호는 사용하지 않는 것을 원칙으로 한다.			
	약어 사용이 의미 전달에 도움이 되는 경우에는 표준용어사전에 포함되어있는 약속된 약어를 사용할 수 있으나, 그렇지 않은 경우에는 단어의 spelling 을 모두 적는 것으로 한다			
	▶ 파일명			
	Java	대소문자를 사용하며 단어의 시작부분은 대문자로 표기한다. (파스칼 표기법)		
		단어는 표준용어사전을 따른다.		
		명사 또는 동사 + 명사의 혼합된 형태로 이름을 구성한다.		
		첫 번째 문자는 항상 대문자를 사용한다.		
		클래스 유형에 따라 다음 표를 참고하여 구성한다.		
	mapper	Dao (java 파일)의 명명 규칙을 따른다. (ex: Dao MemberMapper -> mapper MemberMapper)		
		파일의 확장자는 .xml 로 한다.		
	html	단어의 시작부분은 소문자로 표기하고 혼합된 형태로 이름을 구성할 때에는 각 단어의 첫 글자는 대문자로 작성한다. (카멜표기법)		
		파일의 확장자는 .html 로 한다.		
	css	변수명의 시작부분을 소문자로 표기하고 각 단어의 구분자는 ' - ' 으로 표기하여 작성한다.		
		파일의 확장자는 .css 로 한다.		

JavaScript	변수명의 시작부분을 소문자로 표기하고 각 단어의 구분자는 ' - ' 으로 표기하여 작성한다.
	파일의 확장자는 .js 로 한다.
	오픈소스 자바스크립트의 경우, 최초 배포된 이름 그대로 유지한다.
▶ method	
동사 혹은 동사 + 명사로 작성하며, 혼합된 형태로 이름을 구성할 때에는 각 단어의 첫 글자는 대문자로 작성한다. (카멜표기법)	
상황에 따라 다음 표를 참고하여 일반적인 Prefix 를 적용하며, 나머지는 필요에 따른 적절한 이름을 사용한다.	
기능유형	대표용어
get	조회
add	등록
modify	수정
delete	삭제
apply	신청
recruit	모집
search	검색
manage	관리
enter	입점
result	결과
▶ 변수명	
대소문자를 사용하여 변수명의 시작부분을 소문자로 표기한다.	
명사로 작성하며 각 단어의 첫 글자에는 대문자로 표기한다.	
변수명에는 기호나 특수문자를 사용하지 않는다.	
변수명은 의미 있는 단어를 사용하도록 한다.(표준 용어사전 참고)	

변수에 해당하는 컬럼이 테이블에 존재하는 경우에는 컬럼명을 기준으로 camel 표기법을 준수하여 사용한다		
변수명은 중복되는 이름이 나오지 않도록 하여 일련번호를 붙여 사용하는 경우가 없도록 한다.		
상수명은 공통코드를 제외한 변수명 전체를 대문자로 하고, 단어 연결에는 '_'를 사용한다		
예시		
java	변수	int orderCnt; / double deliveryAmt; / String userName; / StringBuffer sqlStr;
	상수	static final int WIDTH = 4; / static final long DEFAULT_EXPIRES_TIME = TimeUnit.MINUTES.toSeconds(30);
	사용자 정의 타입	private MemberService memberService; ;
JavaScript	변수	var orderCnt; / var deliveryAmt; / var userName;
	상수	const WIDTH = 4; / const DEFAULT_PAGE = 10;

4.4 디렉토리 구조

NO	폴더경로	파일명	설명
user			
1	system_management/user	loginForm.html	로그인 화면
2	system_management/user	userInfo.html	사원정보 상세보기 화면
3	system_management/user	userInsert.html	회원가입 화면
4	system_management/user	userList.html	사원목록 화면
5	system_management/user	userUpdate.html	사원권한수정 화면
mart			
6	system_management/mart	martInfo.html	매장 정보 화면
7	system_management/mart	martUpdate.html	매장 정보 수정
8	system_management/mart	sw_martInsert.html	개발자입장-사업장등록화면
business			
9	basic_management/business	businessInsert.html	거래처 정보 등록 화면
10	basic_management/business	businessList.html	거래처 정보 검색 및 전체 리스트 화면
11	basic_management/business	businessUpdate.html	거래처 정보 수정 화면
facility			
12	basic_management/facility	facilityList.html	시설등록(창고등록, 진열대, 판매진열대)등록 / 창고 목록 조회 / 판매진열대 목록 조회
goods			
13	product_management/goods	goodsCate.html	카테고리 정보 등록 폼 / 카테고리 정보 조회폼
14	product_management/goods	goodsInsert.html	상품 정보 등록 화면
15	product_management/goods	goodsList.html	상품 정보 조회 화면
16	product_management/goods	goodsPriceList.html	상품단가 조정 화면
17	product_management/goods	goodsUpdate.html	상품 정보 수정 화면
order			
18	product_management/order	orderInsert.html	주문서 작성 화면
19	product_management/order	orderList.html	주문 조회 화면
20	product_management/order	orderDetail.html	주문서 상세 내역 화면
sales			
21	trade_management/sales	salesInsert.html	매출 등록 화면
22	trade_management/sales	salesList.html	매출 조회 화면
purchase			
23	trade_management/purchase	purchaseList.html	매입 조회 화면
warehousing			
24	stock_management/warehousing	warehousingInsert.html	창고 입고 등록 화면
25	stock_management/warehousing	warehousingList.html	창고 입고 조회 화면
26	stock_management/warehousing	warehousingUpdate.html	창고 입고 수정 화면
display			
27	contract	displayInsert.html	재고이동 등록 화면
28	contract	displayList.html	재고이동 관리 화면
29	contract	displayUpdate.html	재고이동경보 수정 화면
goodsReturn			
30	stock_management/goodsReturn	returnInsert.html	반품 등록 화면
31	stock_management/goodsReturn	returnList.html	반품 조회 화면
32	stock_management/goodsReturn	returnUpdate.html	반품정보 수정 화면
disposal			
33	stock_management/disposal	disposalInsert.html	폐기 등록 화면
34	stock_management/disposal	disposalList.html	폐기 조회 화면
35	stock_management/disposal	disposalUpdate.html	폐기정보 수정 화면
businessReport / goodsReport			
36	report_management/businessReport	businessStatistics.html	거래처 통계 화면
37	report_management/businessReport	goodsStatistics.html	상품 통계화면

4.5 패키지 구조

Mart (사업장)				
no	패키지명	클래스/인터페이스 명	메소드 명	설명
1	k5.goodsioc.controller	MartController	martInfo	매장별 사업장 정보 data view 반환
2			martInsert	사업장 등록 화면
3			martUpdate	마트 사업장 정보 수정
4	k5.goodsioc.service	MartService	updateMartInfo	마트 매장 정보 수정 처리
5			getMartInfoByMartCode	매장 정보 조회 처리
6	k5.goodsioc.dto	Mart		매장 정보 data
7	k5.goodsioc.mapper	MartMapper	getMartInfoByMartCode	자신의 마트 정보 보기 조회
8			updateMartInfo	자신의 마트 정보 수정

User (사용자)				
no	패키지명	클래스/인터페이스 명	메소드 명	설명
1	k5.goodsjoc.controller	UserController	loginForm	로그인 화면
2			login	로그인 처리
3			logout	로그아웃 처리
4			staffList	매장별 직원 data view
5			userInfo	사용자 개인정보 data view
6			userInsert	사용자 회원가입
7			getSearchUserList	사용자 직원 검색
8			userUpdateAction	사용자 직원 수정처리
9			userUpdate	사용자 개인정보수정
10			userLevelUpdate	매장별 직원 권한 수정 처리
11	k5.goodsjoc.service	UserService	getUserList	사용자 전체 조회
12			getUserInfoById	사용자 단일 정보 조회
13			getUserListBySearchKey	사용자 조건 검색
14			updateUserInfo	사용자 정보 수정
15			updateUserLevel	사용자 권한 정보 수정
16	k5.goodsjoc.dto	User		사용자 정보 data
17	k5.goodsjoc.mapper	UserMapper	getUserList	사용자 전체 조회
18			getUserInfoById	사용자 상세 조회
19			userUpdateInfo	사용자 정보 수정 처리
20			updateUserLevel	사용자 권한 수정 처리
21			getUserListBySearchKey	사용자 단일 정보 검색

Business (거래처)				
no	패키지명	클래스/인터페이스 명	메소드 명	설명
1	k5.goodsjoc.controller	BusinessController	businessList	거래처 전체 조회 data view
2			businessInsert	거래처 등록 처리
3			businessUpdate	거래처 수정 data view
4			getSearchBusinessList	거래처 조건 검색 처리
5	k5.goodsjoc.service	BusinessService	getBusinessList	거래처 전체 조회
6			businessInsert	거래처 등록
7			updateBusinessInfo	거래처 정보 수정
8			getBusinessInfoByCode	거래처 단일 정보 조회
9			getBusinessListBySearchKey	거래처 조건 검색
10	k5.goodsjoc.dto	Business		거래처 정보 data
11	k5.goodsjoc.mapper	BusinessMapper	getBusinessList	거래처 전체 조회 처리
12			updateBusinessInfo	거래처 정보 수정 처리
13			businessInsert	거래처 등록 처리
14			getBusinessListBySearchKey	거래처 목록 검색 처리
15			getBusinessInfoByCode	거래처 단일 조회 처리

Goods (상품)				
no	패키지명	클래스/인터페이스 명	메소드 명	설명
1	k5.goodsioc.controller	GoodsController	goodsList	상품 정보 조회 data view
2			goodsInsert	상품 정보 등록
3			goodsUpdate	상품 정보 수정
4			goodsList (POST)	상품 조건 검색 date view
5			goodsCate	상품 카테고리 data view
6			goodsPriceList	상품 단가 조정 data view
7			goodsPriceUpdate	상품 단가 수정
8			searchGoodsCate	상품 카테고리 검색 data view
9			goodsInsertAction	상품 등록 후 상품등록 처리
10			barcodeCheck	바코드 사용여부 체크
11			searchCategoryModal	상품카테고리 선택 Modal data view
12	k5.goodsioc.service	GoodsService	getGoodsList	상품 조회
13			getGoodsCateList	상품 카테고리 조회
14			getSearchGoodsList	상품 조건 검색
15			getGoodsInfoByBarcode	
16			getPurchasePriceListByBarcode	단일 상품 매입가 리스트
17			getSalesPriceListByBarcode	단일 상품 판매가 리스트
18			updateGoodsPrice	상품 판매 단가 수정 처리
19			addSalesPrice	
20			Modal / getCategoryList	카테고리 리스트 모달
21			goodsCheckByBarcode	
22			getSearchGoodsCateList	상품 카테고리 조건 검색 처리
23			addGoodsAction	상품 등록 처리
24			deleteGoods	상품 삭제 처리
25	k5.goodsioc.dto	Goods	상품 정보 data	
26	k5.goodsioc.dto	GoodsCate	상품 카테고리 정보 data	
27	k5.goodsioc.mapper	GoodsMapper	addGoodsAction	상품 등록 처리
28			getGoodsList	상품 리스트 조회 (카테고리 + 상품)
29			addGoodsCate	카테고리 등록
30			getGoodsCateList	카테고리 조회
31			getSearchGoodsList	상품 조건 검색
32			goodsCateModal	상품카테고리 선택 Modal
33			getGoodsInfoByBarcode	단일 상품 정보 조회
34			getPurchasePriceListByBarcode	단일 상품 매입가 리스트
35			updateGoodsPrice	상품 판매 단가 수정 처리
36			addSalesPrice	판매가 기록 저장
37			getCategoryList	매장별 카테고리 목록 조회 처리
38			goodsCheckByBarcode	바코드 사용 여부 체크
39	getSearchGoodsCateList	상품 카테고리 조건 검색		

Sales (매출)				
no	패키지명	클래스/인터페이스 명	메소드 명	설명
1	k5.goodsioc.controller	SalesController	salesList	매출 조회 data view
2			salesInsert	매출 등록 data view
3	k5.goodsioc.service	SalesService	getSalesList	매출 전체 조회 처리
4	k5.goodsioc.dto	Sales	Sales	매출 정보 data
5		SalesPrice	SalesPrice	상품 판매가 정보 data
6	k5.goodsioc.mapper	SalesMapper	getSalesList	매출 전체 조회 처리

Order (발주)				
no	패키지명	클래스/인터페이스 명	메소드 명	설명
1	k5.goodsioc.controller	OrderController	orderList	발주 목록 data view
2			orderDetail	발주 상세 data view
3			getSearchOrderList	발주 검색 data view
4	k5.goodsioc.service	OrderService	getOrderList	발주 목록 data view
5			getViewOrder	발주 상세 목록
6			getOrderListBySearchKey	발주 조건 검색
7	k5.goodsioc.dto	Order	발주 정보 data	
8	k5.goodsioc.mapper	OrderMapper	getOrderList	발주 전체 조회 처리
9			getViewOrder	발주내역 상세 조회 처리
10			getOrderListBySearchKey	발주 단일 정보 검색 처리

Facility (시설관리)				
no	패키지명	클래스/인터페이스 명	메소드 명	설명
1	k5.goodsjoc.controller	FacilityController	facilityList	시설관리 조회 data view
2			warehouseInsert	창고 등록 data view
3			shelfInsert	창고 진열대 등록 data view
4			showcaseInsert	판매 진열대 등록 data view
5			searchWarehouse	창고 및 창고진열대 구분 검색
6			searchShowcase	판매진열대 검색
7	k5.goodsjoc.service	FacilityService	getWarehouseList	창고 목록 조회
8			getShowcaseList	창고 진열대 목록 조회
9			getWarehouseListByMartCode	
10			warehouseInsert	창고 등록
11			shelfInsert	창고 진열대 등록
12			showcaseInsert	판매 진열대 등록
13			getSearchWarehouseList	창고 검색
14			getSearchShowcaseList	판매진열대 검색
15	k5.goodsjoc.dto	Warehouse	창고 정보 data	
16		Shelf	창고 진열대 data	
17		Showcase	판매 진열대 data	
18	k5.goodsjoc.mapper	FacilityMapper	getWarehouseList	창고 정보 조회 처리
19			getWarehouseListByMartCode	창고 목록 조회 처리
20			getShowcaseList	판매 진열대 전체 조회 처리
21			warehouseInsert	창고 등록 처리
22			shelfInsert	창고 진열대 등록 처리
23			showcaseInsert	판매 진열대 등록 처리
24			getSearchWarehouseList	창고, 창고진열대, 창고 구분 검색 처리
25			getSearchShowcaseList	판매진열대 검색 처리

Warehousing (입고)				
no	패키지명	클래스/인터페이스 명	메소드 명	설명
1	k5.goodsjoc.controller	WarehousingController	warehousingList	입고 조회 data view
2			warehousingInsert	입고 등록 data view
3			warehousingUpdate	입고 수정 data view
4			getSearchOrderList	입고 검색 data view
5	k5.goodsjoc.service	WarehousingService	getWarehousingList	입고 조회
6			warehousingInsert	입고 등록
7			getWarehousingBySearchKey	입고 검색
8	k5.goodsjoc.dto	Warehousing	Warehousing	입고 정보 data
9	k5.goodsjoc.mapper	WarehousingMapper	getWarehousingList	입고 조회 처리
10			warehousingInsert	입고 등록 처리
11			getWarehousingBySearchKey	입고 검색 처리

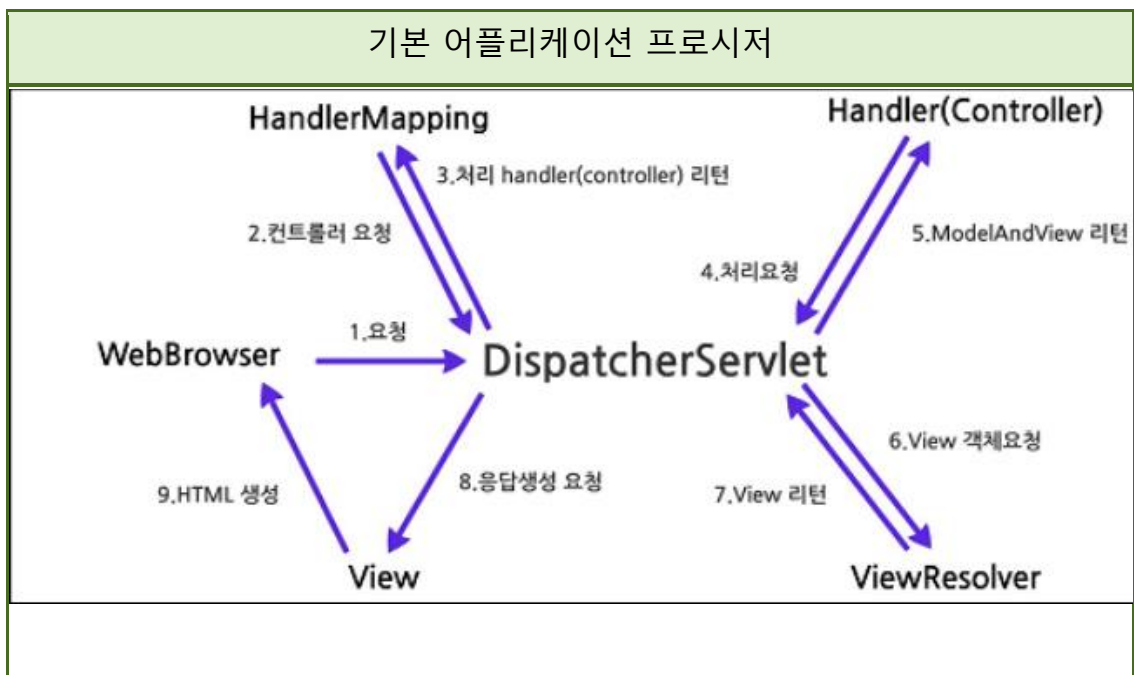
5. 개발 / 서비스 환경

*	구분	개발 환경		서비스 환경
S/W	OS	Windows 10		Windows 10
	웹브라우저	Chrome		Chrome 최적화
	WAS	apache-tomcat-9.0.1		apache-tomcat-9.0.1
	개발언어	서버	java	-

	클라이언트	javascript / html5 / css / thymeleaf / jquery / ajax	
Framework	springframework / mybatis / bootstrap		springframework 4.2.1 spring-webmvc 4.3.9 mybatis 3.3.1 mybatis-spring-boot 2.5.1 bootstrap 4.6
DBMS	MySQL5.5.32		mariaDB 10.1.13
Tools	GitHub / HeidiSQL 10.1.0 / Spring Tool Suite		STS 4.2.1

6. 어플리케이션

6.1 어플리케이션 프로시저



6.2 서버 및 기타 설정

pom.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 https://maven.apache.org/xsd/maven-4.0.0.xsd">
    <modelVersion>4.0.0</modelVersion>
    <parent>
        <groupId>org.springframework.boot</groupId>
        <artifactId>spring-boot-starter-parent</artifactId>
        <version>2.6.2</version>
        <relativePath/>
    </parent>

    <groupId>cafe24.t41ginew</groupId>
    <artifactId>goodsJOC</artifactId>
    <version>0.0.1-SNAPSHOT</version>
    <packaging>war</packaging>
    <name>goodsJOC</name>
    <description>Project Mart-System by team goodsJOC</description>
    <properties>
        <java.version>1.8</java.version>
    </properties>
    <dependencies>
        <dependency>
            <groupId>org.springframework.boot</groupId>
            <artifactId>spring-boot-starter-data-
jdbc</artifactId>
            </dependency>
            <dependency>
                <groupId>org.springframework.boot</groupId>
                <artifactId>spring-boot-starter-
thymeleaf</artifactId>
            </dependency>
            <dependency>
                <groupId>org.springframework.boot</groupId>
                <artifactId>spring-boot-starter-
web</artifactId>
            </dependency>
            <dependency>
                <groupId>org.mybatis.spring.boot</groupId>
                <artifactId>mybatis-spring-boot-
starter</artifactId>
                <version>2.2.0</version>
            </dependency>
            <dependency>
```

```

        <groupId>org.springframework.boot</groupId>
        <artifactId>spring-boot-devtools</artifactId>
        <scope>runtime</scope>
        <optional>true</optional>
    </dependency>
    <dependency>
        <groupId>mysql</groupId>
        <artifactId>mysql-connector-java</artifactId>
        <scope>runtime</scope>
    </dependency>
    <dependency>
        <groupId>org.springframework.boot</groupId>
        <artifactId>spring-boot-starter-
tomcat</artifactId>
        <scope>provided</scope>
    </dependency>
    <dependency>
        <groupId>org.springframework.boot</groupId>
        <artifactId>spring-boot-starter-
test</artifactId>
        <scope>test</scope>
    </dependency>

    <dependency>
        <groupId>nz.net.ultraq.thymeleaf</groupId>
        <artifactId>thymeleaf-layout-dialect</artifactId>
    </dependency>

    <dependency>
        <groupId>org.bgee.log4jdbc-log4j2</groupId>
        <artifactId>log4jdbc-log4j2-jdbc4.1</artifactId>
        <version>1.16</version>
    </dependency>
</dependencies>

<build>
    <plugins>
        <plugin>
            <groupId>org.springframework.boot</
groupId>
            <artifactId>spring-boot-maven-
plugin</artifactId>
        </plugin>
    </plugins>
</build>
</project>

```

application.properties

```
# 웹서버 포트설정
server.port=80

# 타임리프 캐시 설정(새로고침시 반영)
spring.thymeleaf.cache=false

spring.datasource.driver-class-name=net.sf.log4jdbc.sql.jdbcapi.DriverSpy
spring.datasource.url=jdbc:log4jdbc:mysql://t41ginew.cafe24.com:3306/t41ginew?serverTimezone=UTC&characterEncoding=UTF8
spring.datasource.username=t41ginew
spring.datasource.password=newdbpw12

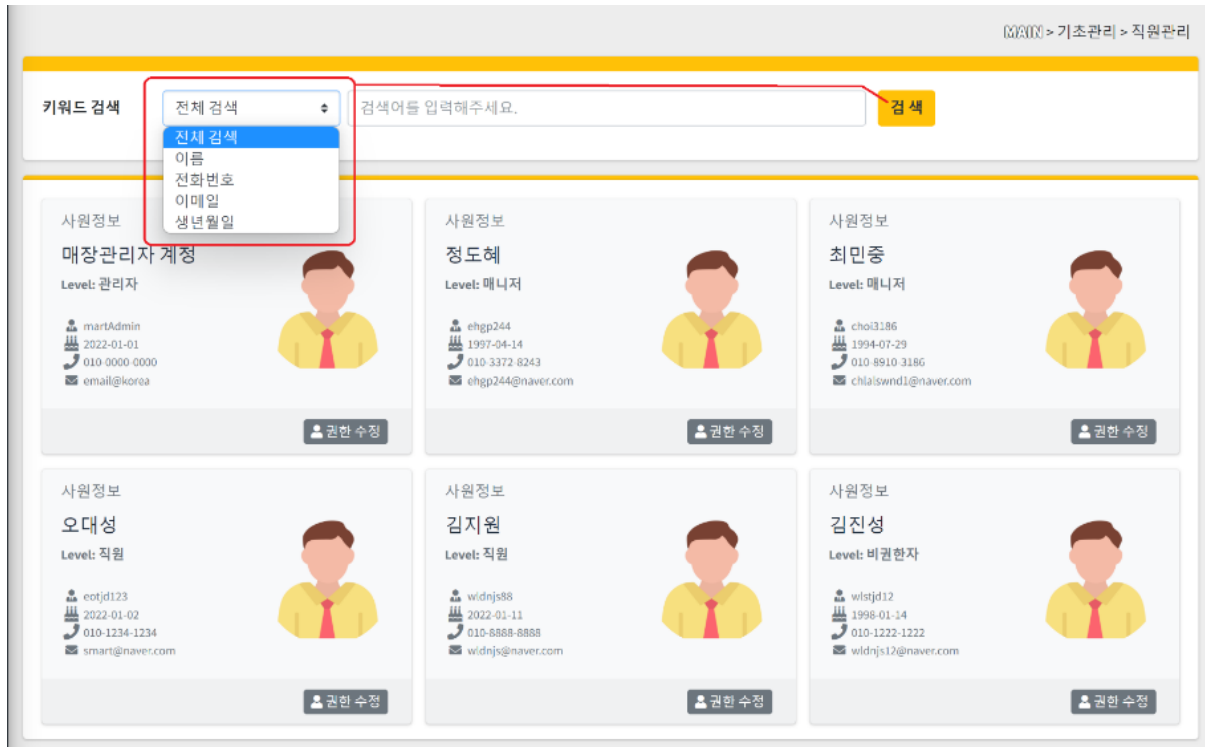
#log4jdbc 설정 파일 위치
logging.config=classpath:logback-spring.xml

# mybatis 설정(classpath: -> src/main/resources/)
# mapper xml 파일 위치 설정
mybatis.mapper-locations=classpath:mapper/**/*.xml
# mapper xml 파일안에 domain dto vo 클래스의 주소 축약 (ex:ksmart41.mybatis.dto.Member => Member)
mybatis.type-aliases-package=k5.goodsjoc.dto

#jsession 제거
server.servlet.session.tracking-modes=cookie
```

6.3 주요 기능별 정리

기초관리 > 직원 검색 및 조회



직원관리
<ul style="list-style-type: none"> - 가입된 회원정보를 확인/조회할 수 있는 화면 - 키워드 검색으로 통해 검색하고자 하는 키워드(이름,전화번호,이메일,생년월일)검색이 가능하다.

■ Html(javascript)

```

DOCTYPE html>
<html xmlns:th="http://www.thymeleaf.org"
      xmlns:layout="http://www.ultraq.net.nz/thymeleaf/layout"
      layout:decorate="@{layout/default}">

<th:block layout:fragment="customTitle">
  <title>직원 조회</title>
</th:block>
<th:block layout:fragment="LocationPlace">
  <a id="main" th:href="@{/main}" class="joc-
text1"><b>MAIN</b></a>
      > 기초관리 > 직원관리
</th:block>

<th:block layout:fragment="customContents">
  <div class="card card-warning card-tabs" style="margin-top: -
1%">

```

```

        <div class="card-header p-0 pt-3"></div>
        <div class="card-body">
            <div class="tab-content" id="custom-tabs-
two-tabContent">
                <form th:action="@{/system_manag
ement/user/userList}" method="post">
                    <div class="form-
group row">
                        <label cla
ss="col-sm-2 col-form-label">키워드 검색</label>
                        <div class
="col-sm-2" style="margin-left: -2cm">
                            <select name="searchKey" class="form-control custom-select">
                                <option>전체 검색</option>
                                <option value="name">이름</option>
                                <option value="phone">전화번호</option>
                                <option value="email">이메일</option>
                                <option value="birthday">생년월일</option>
                            </select>
                        </div>
                        <div class
="input-group input-group-m" style="width: 550px;">
                            <input type="text" name="searchValue" class="form-control float-
right" placeholder="검색어를 입력해주세요.">
                            </div>
                            <button ty
pe="submit" class="btn btn-warning" style="margin-left: 1%">
                                <b>검 색</b>
                            </button>
                        </div>
                    </form>
                </div>
            </div>
        </div>
        <div class="content">
            <div class="card card-warning">
                <div class="card-header p-0 pt-1"></div>

```



```

        <i class="fas fa-
lg fa-birthday-cake"></i></span>
        <span th:text="{L.bi
rthday}">생년월일</span>
    </li>
    <li class="small">
        <span class="fa-
li"><i class="fas fa-lg fa-phone"></i></span>
        <span th:text="{L.ph
one}">전화번호</span>
    </li>
    <li class="small">
        <span class="fa-li">
            <i class="fas fa-
envelope"></i>
            </span><span th:text=
"{L.email}">이메일</span>
    </li>
</ul>
</div>
<div class="col-5 text-center">
    
</div>
</div>

```



```

        System.out.println(userList);

        return "system_management/user/userList";
    }

//직원관리 > 직원검색(정도혜)
@PostMapping("/userList")
public String getSearchUserList(HttpServletRequest request,
    @RequestParam(value="searchKey", required = false) String searchKey,
    @RequestParam(value="searchValue", required = false) String searchValue,
    Model model){
    System.out.println(searchKey);
    System.out.println(searchValue);

    HttpSession session = request.getSession();
    String sessionMartCode = (String) session.getAttribute("SMARTCODE");

    if(searchKey != null && "name".equals(searchKey)) {
        searchKey = "name";
    }else if(searchKey != null && "phone".equals(searchKey)) {
        searchKey = "phone";
    }else if(searchKey != null && "email".equals(searchKey)) {
        searchKey = "email";
    }else if(searchKey != null && "birthday".equals(searchKey)) {
        searchKey = "birthday";
    }else {
        searchKey = "levelNum";
    }

    List userList = userService.getUserListBySearchKey(searchKey, searchValue, sessionMartCode);

    // 조회된 회원목록 model 에 값을 저장
    model.addAttribute("title", "사원목록조회");
    model.addAttribute("userList", userList);

    return "system_management/user/userList";
}

```

■ Service

```
package k5.goodsjoc.service;
```

```

import java.util.List;
import java.util.Map;

import org.springframework.stereotype.Service;
import org.springframework.transaction.annotation.Transactional;
import k5.goodsjoc.dto.User;
import k5.goodsjoc.mapper.UserMapper;

@Service
@Transactional
public class UserService {
    private UserMapper userMapper;

    public UserService(UserMapper userMapper) {
        this.userMapper = userMapper;
    }

    // 사용자 전체조회
    public List getUserList(String martCode) {
        return userMapper.getUserList(martCode);
    }

    // 사용자 단일 정보조회
    public User getUserInfoByID(String iD) {
        return userMapper.getUserInfoByID(iD);
    }

    // 사용자 조건 검색
    public List getUserListBySearchKey(String searchKey, String searchValue, String martCode) {
        return userMapper.getUserListBySearchKey(searchKey, searchValue, martCode);
    }
}

```

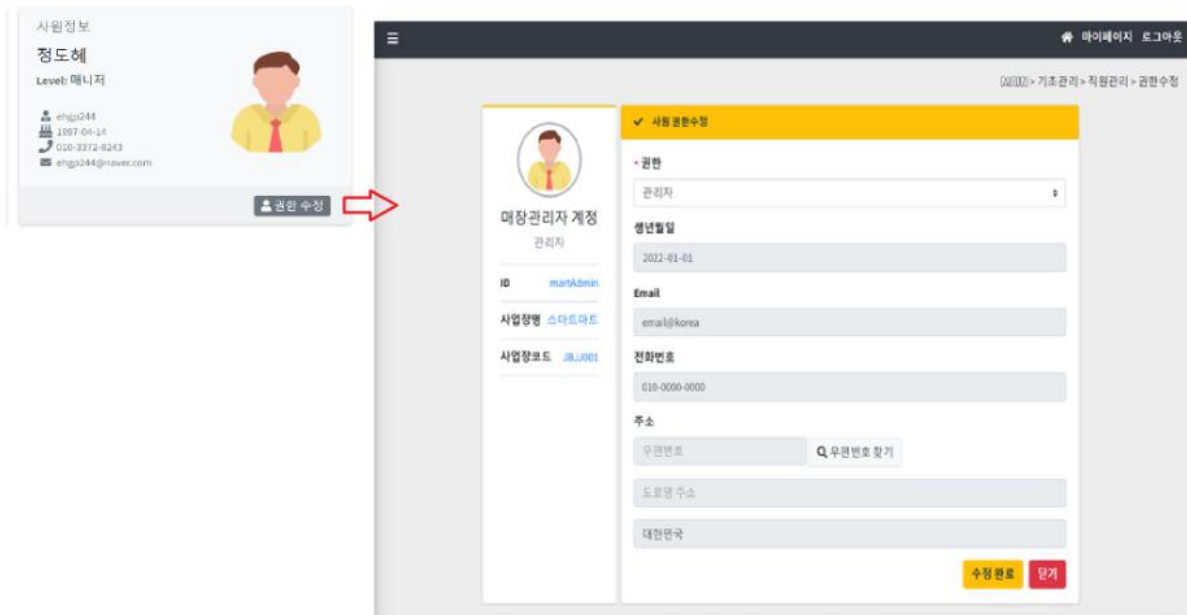
■ Mapper(SQL)

```

        <select id="getUserListBySearchKey" resultMap="userResultMap" re
sultType="User">
            SELECT
                u.ID,
                u.name,
                u.birthday,
                u.phone,
                u.email,
                u.address,
                u.martCode,
                u.levelNum,
                l.levelName
            FROM
                tb_user AS u
            INNER JOIN
                tb_systemLevel AS l
            ON
                u.levelNum = l.levelNum
            WHERE
                u.martCode = #{martCode} AND u.deleteStatus
= 'N'
                <if test="searchValue != null and searchVal
ue != ''.toString()">
                    AND ${searchKey} LIKE CONCAT('%'
, #{searchValue}, '%')
                </if>
            ORDER BY u.levelNum
        </select>

```

사원관리 > 사원권한수정



사원권한수정

- 사원관리화면에서 권한수정 버튼을 클릭시 권한수정화면보여진다.
- 사원 권한 수정 후 권한 수정 완료 클릭 시 권한 수정이완료 된다.

■ Html(javascript)

```

DOCTYPE html>
<html xmlns:th="http://www.thymeleaf.org"
      xmlns:layout="http://www.ultraq.net.nz/thymeleaf/layout"
      layout:decorate="@{layout/default}">
<th:block layout:fragment="customTitle">
    <title>직원권한 수정</title>
</th:block>
<th:block layout:fragment="LocationTitle">
</th:block>
<th:block layout:fragment="LocationPlace">
    <a id="main" th:href="@{/main}" class="joc-
text1"><b>MAIN</b></a>
        > 기초관리 > 직원관리 > 권한수정
    </th:block>
<th:block layout:fragment="customContents">
    <section class="content">
        <div class="content-header"></div>
        <div class="container-fluid">
            <div class="row justify-content-
center" style="margin-top: -3%">
                <th:block th:if="{not #lists.is
Empty(userUpdate)}" th:each="L : {userUpdate}">

```



```

item"><b>사업장코드</b>

        <a class="float-right">

        <span id="smartCode" th:text=${L.martCode}></span></a></li>

</ul>

</div>

</div>

<div class="col-md-7">

        <form id="updateForm" th:action="@{/system_management/user/userLevelUpdate}" method="post">

        <input type="text" name="id" th:value="${L.id}" style="display: none">

        <div class="card card-primary">

                <div class="btn-sm bg-warning color-palette btn-block card-header">

                        <b><i class="fas fa-check"></i> 사원 권한수정</b>

                </div>

                <div class="card-body">

                        <div class="form-group">

                                <label><code>*</code> 권한</label>

                                <select class="form-control custom-select" name="LevelNum">

                                        <th:block th:if="${session.SLEVEL == '2' and L.LevelNum == '2'}">

                                                <option value="2" selected>관리자</option>

                                                <option value="3">매니저</option>

                                                <option value="4">직원</option>

                                                <option value="5">비권한자</option>

```



```

<th:block>
lock th:if="{session.SLEVEL == '1' and L.LevelNum == '6'}">
    <option value="1">SW 관리자</option>
    <option value="6" selected>팀장</option>
    <option value="7">팀원</option>
</th:block>
</th:block>
lock th:if="{session.SLEVEL == '1' and L.LevelNum == '7'}">
    <option value="1">SW 관리자</option>
    <option value="6">팀장</option>
    <option value="7" selected>팀원</option>
</th:block>
</th:block>
</select>
</div>

<div class="form-group">
    <label>생년월일</label>
    <input type="date" class="form-control" name="birthday" th:value="{L.birthday}" readonly="readonly">
</div>

<div class="form-group">
    <label>Email</label> <input type="email" class="form-control" name="email" th:value="{L.email}" readonly="readonly">
</div>

<div class="form-group">

```

```

                <label>전화번호</label> <input type="text"
class="form-control"
                name="phone" th:
value="${l.phone}" readonly="readonly">
            </div>

            <div class="form-group">
                <label for="inputProjectLeader">주소</label
>
                <script sr
c="http://dmaps.daum.net/map_js_init/postcode.v2.js"></script>
                <script ch
arset="UTF-8" type="text/javascript"
src="//t1.daumcdn.net/postcode/api/core/211103/1635999227231/211103.js"></s
cript>
                <script sr
c="/resources/js/addressapi.js"></script>
                <div class
="form-group">
                <input class="form-control"
                style="width: 40%; display: inline;" placeholder="우편번호"
                name="addr1" id="addr1" type="text" readonly="readonly">
                <button type="button" class="btn btn-default"
                onclick="execPostCode();">
                <i class="fa fa-search"></i> 우편번호 찾기
            </button>

```

```

</div>
<div class
="form-group">
<input class="form-control" style="top: 5px;"
placeholder="도로명 주소" name="addr2" id="addr2" type="text"
readonly="readonly">
</div>
<div class
="form-group">
<input class="form-
control" name="address" th:value="{l.address}" id="addr3" type="text" rea
donly="readonly">
</div>
<a th:href="@{/system
_management/user/userList}" class="btn btn-m bg-danger color-
palette" style="float: right;">
<b>닫기</b>
</a>
<div style="margin-
right: 10%">
<button id
="updateBtn" type="button" class="btn btn-m bg-
warning" style="float: right;">
<b>수정 완료</b>
</button>

```

```

</div>
</div>
</div>
</div>
</div>
</form>
</div>
</th:block
>
</div>
</div>
</section>
</th:block>
<th:block layout:fragment="customJs">
<script>
    $(function(){
        $(document).on('click
, '#updateBtn', function(){
            alert('변
경 하시겠습니까?');
            $('#update
Form').submit();
        });
    });
</script>
</th:block>
</html>

```

■ Controller

```

//직원관리 > 직원권한 수정화면 (정도혜)
@GetMapping("/userUpdate")
public String userUpdate(@RequestParam(value="id", required = false) S
tring id, Model model) {
    System.out.println("페이지: 사원권한수정 ");
    System.out.println("경로: system_management/user/userUpdate(GET 방식 성
공) ");
    System.out.println("리تز스에서 받은 아이디: " + id);

    User userUpdate = userService.getUserInfoByID(id);
    model.addAttribute("userUpdate", userUpdate);
    System.out.println("모델에 담긴 비즈니스정보: " + model);
}

```



```

return "system_management/user/userUpdate";
}

//직원관리 > 직원권한 수정 작업 (정도혜)
@PostMapping("/userLevelUpdate")
public String userLevelUpdate(User user)
{ System.out.println("페이지: 사원권한 수정 ");
System.out.println("경로: system_management/user/userLevelUpdate(POST
방식 성공) ");
Log.info("수정화면에서 받은 userUpdate : {}", user);

userService.updateUserLevel(user);

return "redirect:/system_management/user/userList";
} (

```

■ Service

```

//사용자 권한정보 수정
public int updateUserLevel(User user) {
return userMapper.updateUserLevel(user);
}

```

■ Mapper(SQL)

```

<update id="updateUserLevel" parameterType="User">
    UPDATE
        tb_user
    SET
        levelNum = #{levelNum}
    WHERE
        ID=#{id};
</update>

```

기초관리 > 거래처관리 조회 및 검색

마이페이지 로그아웃

기초관리 > 거래처 관리

거래처 조회

검색: 전체 검색 (↑) 검색어를 입력해주세요. [검색] 거래처 등록

일자 검색: 연도-월-일 [📅] - 연도-월-일 [📅]

번호	구분	거래처명	대표자명	사업장등록번호	업종	등록일
1	개인	생생야채	오이수	202-20-1023	농업	2022-01-02
2	개인	다가수산	김다가	201-19-1997	수산물판매업	2022-01-02
3	개인	농업회사 방앗간	김문희	201-190-1334	농업	2022-01-02
4	기업	정송사과조합	박사과	2111-20-102	과실작물 재배업	2022-01-02
5	개인	민수축산	박민수	205-54-1246	육류가공업	2022-01-02
6	개인	풍심은데콩니물	정니물	300-51-1651	콩니물판매업	2022-01-02
7	기업	관간농가	고라니	101-92-2429	농산물가공업	2022-01-09
8	기업	갯잡은수산	정수산	990-15-1154	수산업	2022-01-11

회원탈퇴

- 거래처 정보를 (구분,거래처명, 대표자,업종)등 키워드 검색이 가능하다.
- 일자를 선택하여 일자 검색이 가능하다

■ Html(javascript)

```

DOCTYPE html>
<html xmlns:th="http://www.thymeleaf.org"
      xmlns:layout="http://www.ultraq.net.nz/thymeleaf/layout"
      layout:decorate="@{Layout/default}">

<th:block layout:fragment="customTitle">
  <title>거래처 조회</title>
</th:block>
<th:block layout:fragment="LocationPlace">
  <a id="main" th:href="@{/main}" class="joc-text1"><b>MAIN</b></a>
  > 기초관리 > 거래처 관리
</th:block>

<th:block layout:fragment="customContents">

  <div class="col-md-13">
    <div class="card card-warning color-palette">

```

```

        <div class="card-header">
            <h3 class="card-title">
                <b>거래처 조회</b>
            </h3>
        </div>
        <div class="card-body">
            <form th:action="@{/basic_management/business/businessList}" method="post">
                <div class="tab-content" id="custom-tabs-two-tabContent">
                    <div class="form-group row">
                        <label class="col-sm-1 col-form-label" style="text-align: center;">검색</label>
                        <div class="col-sm-2">
                            <select name="searchKey" class="form-control custom-select">
                                <option value="">전체 검색</option>
                                <option value="businessType">구분</option>
                                <option value="businessName">거래처명</option>
                                <option value="partnerName">대표자</option>
                                <option value="sectors">업종</option>
                            </select>
                        </div>
                    </div>
                    <div class="input-group input-group-m" style="width: 450px;">
                        <input type="text" name="searchValue" class="form-control float-right" placeholder="검색어를 입력해주세요.">
                    </div>
                    <div class="d-flex justify-content-center" style="margin-left: 10px">
                        <button type="submit" class="btn btn-warning">
                            <b>검색</b>
                        </button>
                    </div>
                </div>
            </form>
        </div>
    </div>

```



```
<tr>
<th>번호</th>
<th>구분</th>
<th>거래처명</th>
<th>대표자명</th>
<th>사업장등록번호</th>
<th>업종</th>
<th>등록일</th>
<th:block th:if="${session.SLEVEL == '2'}">
    <th></th>
</th:block>
</tr>
</thead>
<tbody>
<tr th:if=
"${not #lists.isEmpty(businessList)}" th:each="l, i : ${businessList}">
<td th:text="${i.index+1}"></td>
<td th:text="${l.businessType}"></td>
<td th:text="${l.businessName}"></td>
<td th:text="${l.partnerName}"></td>
<td th:text="${l.registerNum}"></td>
<td th:text="${l.sectors}"></td>
<td th:text="${l.regDate}"></td>
<th:block th:if="${session.SLEVEL == '2'}">
    <td class="text-right py-0 align-middle">
        <div class="btn-group btn-group-sm">
```

```

                <a th:href="@{/basic_management/business/businessUpdate(businessCode=${l.businessCode})}" class="btn btn-info">
                    <i class="fas fa-highlighter"></i>
                </a>

                <button type="button" id="bsdelectBtn" class="btn btn-danger"> <i class="fas fa-trash"></i>
                </button>

            </div>
        </td>
    </th:block>
</tr>
</tbody>
</table>
</div>
<div class="card-footer"></div>
</div>
</th:block>
<th:block layout:fragment="customJs">
    <script>
        $(function(){
            $(document).on('click', '#bsdelectBtn', function(){
                alert('정말 삭제하시겠습니까?');
                $('#updateForm').submit();
            });
        });
    </script>
</th:block>
</html>

```

■ Controller

```

//거래처관리 > 전체조회(정도혜)
@GetMapping("/businessList")
public String businessList(Model model, HttpServletRequest request) {

```



```
    return "basic_management/business/businessList";
}
```

■ Service

```
// 거래처 전체 조회
    public List getBusinessList(String martCode){
        return businessMapper.getBusinessList(martCode);
    }

// 거래처 단일 정보 조회
    public Business getBusinessInfoByCode(String businessCode) {

        return businessMapper.getBusinessInfoByCode(businessCode);
    }

// 거래처 조건 검색
    public List getBusinessListBySearchKey(String searchKey, String searchValue, String startDt, String endDt) {
        return businessMapper.getBusinessListBySearchKey(searchKey, searchValue, startDt, endDt);
    }
}
```

■ Mapper(SQL)

```
<select id="getBusinessInfoByCode" parameterType="String" resultType="Business">
    SELECT
        businessCode, businessName, partnerName, partnerPhone,
        registerNum, businessType, sectors, `status`, callNum, address, FAX, businessStaff,
        businessStaffPhone, businessStaffEmail, note, martCode, ID, regDate
    FROM
        tb_business
    WHERE
        businessCode = #{businessCode}
</select>

<select id="getBusinessListBySearchKey" resultType="Business">
    SELECT
        b.businessCode,
        b.businessName,
        b.partnerName,
        b.partnerPhone,
        b.registerNum,
```



```

        b.businessType,
        b.sectors,
        b.`status`,
        b.callNum,
        b.address,
        b.FAX,
        b.businessStaff,
        b.businessStaffPhone,
        b.businessStaffEmail,
        b.note,
        date_format(b.regDate, '%Y-%m-%d') AS regDate
    FROM
        tb_business AS b
    <trim prefix="WHERE" prefixOverrides="AND/OR">
        <if test="searchValue != null and searchValue != ''.toString()">
            AND ${searchKey} LIKE CONCAT('%'
, #{searchValue}, '%');
        </if>
        <if test="startDt != null and startDt != ''.toString() and endDt != null and endDt != ''.toString()">
            AND date_format(b.regDate, '%Y-%
m-%d') BETWEEN #{startDt} AND #{endDt}
        </if>
    </trim>
</select>

```

기초관리 > 거래처 등록

✓ 거래처 등록

* 거래처명

* 대표자명

* 대표자번호

* 사업장등록번호

* 구분

* 업종

업태

* 전화번호

* 상세주소

FAX

담당자 이름

담당자 연락처

담당자 이메일

비고

등록

거래처 등록

- 거래처 정보를 등록하는 화면이다..
- 필수로 입력되어야 하는 값들은 * 으로 체크되어있다.

■ Html(javascript)

```

DOCTYPE html>
<html xmlns:th="http://www.thymeleaf.org"
      xmlns:layout="http://www.ultraq.net.nz/thymeleaf/layout"
      layout:decorate="@{layout/default}">

<th:block layout:fragment="customTitle">
  <title>거래처 등록</title>
</th:block>
<th:block layout:fragment="LocationPlace">
  <a id="main" th:href="@{/main}" class="joc-
text1"><b>MAIN</b></a>
  > 기초관리 > 거래처관리 > 거래처등록
</th:block>

<th:block layout:fragment="customContents">

```

```

        <div class="row justify-content-center">
            <div class="col-md-6" style="margin-top: -1%">
                <div class="card card-primary">
                    <div class="btn-sm bg-
warning color-palette btn-block card-header ">
                        <b><i class="fas fa-
check"></i> 거래처 등록</b>
                    </div>
                    <form th:action="@{/basic_manage
ment/business/businessInsert}" method="post">
                        <div class="card-body">
                            <div class="form-
group row">
                                <label for
="Name" class="col-sm-3 col-form-label"><code>*</code> 거래처명</label>
                                <div class
="col-sm-9">
                                    <input type="text" class="form-
control" name="businessName" placeholder="필수 입력해주세요.">
                                </div>
                            </div>
                            <div class="form-
group row">
                                <label cla
ss="col-sm-3 col-form-label"><code>*</code> 대표자명</label>
                                <div class
="col-sm-9">
                                    <input type="text" class="form-
control" name="partnerName" placeholder="필수 입력해주세요.">
                                </div>
                            </div>
                            <div class="form-
group row">
                                <label cla
ss="col-sm-3 col-form-label"><code>*</code> 대표자번호</label>
                                <div class
="col-sm-9">
                                    <input type="text" class="form-
control" name="partnerPhone" placeholder="필수 입력해주세요.">
                                </div>
                            </div>
                        </div>
                    </form>
                </div>
            </div>
        </div>

```

```

<div class="form-
group row">
    <label cla
ss="col-sm-3 col-form-label"><code>*</code> 사업장등록번호</label>
    <div class
="col-sm-9">
        <input type="text" class="form-
control" name="registerNum" placeholder="필수 입력해주세요.">
    </div>
</div>

<div class="form-
group row">
    <label cla
ss="col-sm-3 col-form-label"><code>*</code> 구분</label>
    <div class
="col-sm-9">
        <select na
me="businessType" class="form-control">
            <option>개인</option>
            <option>기업</option>
        </select>
    </div>
</div>

<div class="form-
group row">
    <label cla
ss="col-sm-3 col-form-label"><code>*</code> 업종</label>
    <div class
="col-sm-9">
        <input type="text" class="form-
control" name="sectors" placeholder="필수 입력해주세요.">
    </div>
</div>

<div class="form-
group row">
    <label cla
ss="col-sm-3 col-form-label">업태</label>
    <div class
="col-sm-9">
        <input type="text" class="form-control" name="status" placeholder="...">
    </div>
</div>

```

```

        </div>
    </div>

    <div class="form-
group row">
        <label cla
ss="col-sm-3 col-form-label"><code>*</code> 전화번호</label>
        <div class
="col-sm-9">
            <input type="text" class="form-
control" name="callNum" placeholder="필수 입력해주세요.">
        </div>
    </div>

    <div class="form-
group row">
        <label cla
ss="col-sm-3 col-form-label"><code>*</code> 상세주소</label>
        <div class
="col-sm-9">
            <input type="text" class="form-
control" name="address" placeholder="필수 입력해주세요.">
        </div>
    </div>

    <div class="form-
group row">
        <label cla
ss="col-sm-3 col-form-label">FAX</label>
        <div class
="col-sm-9">
            <input type="text" class="form-control" name="fax" placeholder="...">
        </div>
    </div>

    <div class="form-
group row">
        <label cla
ss="col-sm-3 col-form-label"> 담당자 이름</label>
        <div class
="col-sm-9">
            <input type="text" class="form-
control" name="businessStaff" placeholder="...">
        </div>
    </div>
</div>

```

```

<div class="form-
group row">
    <label cla
ss="col-sm-3 col-form-label"> 담당자 연락처</label>
    <div class
="col-sm-9">
        <input type="text" class="form-
control" name="businessStaffPhone" placeholder="...">
    </div>
</div>

<div class="form-
group row">
    <label cla
ss="col-sm-3 col-form-label"> 담당자 이메일</label>
    <div class
="col-sm-9">
        <input type="email" class="form-
control" name="businessStaffEmail" placeholder="...">
    </div>
</div>

<div class="form-
group row">
    <label cla
ss="col-sm-3 col-form-label"> 비고</label>
    <div class
="col-sm-9">
        <input type="text" class="form-control" name="note" placeholder="...">
    </div>
</div>

<div class="form-
group row" style="display: none">
    <label cla
ss="col-sm-3 col-form-label">등록자</label>
    <div class
="col-sm-9">
        <input type="text" th:value="{session.SID}" class="form-
control" name="id" placeholder="...">
    </div>
</div>

<div class="form-
group row" style="display: none">

```

```

<label class="col-sm-3 col-form-label">마트고유코드</label>
<div class="col-sm-9">
<input type="text" th:value="${session.SMARTCODE}" class="form-control" name="martCode" placeholder="...">
</div>
<div>
<button type="submit" class="btn btn-m bg-warning color-palette btn-block"><b>등록</b></button>
</div>
</form>
</div>
</div>
</th:block>
</html>

```

■ Controller

```

//거래처관리 > 거래처 등록 (정도혜)
@GetMapping("/businessInsert")
public String businessInsert() {
    System.out.println("페이지: 거래처 등록 ");
    System.out.println("경로: basic_management/business/businessInsert(GET 방식 성공) ");

    return "basic_management/business/businessInsert";
}

@PostMapping("/businessInsert")
public String businessInsert(Business business) {
    System.out.println("페이지: 거래처 등록 ");
    System.out.println("경로: basic_management/business/businessInsert(POST 방식 성공) ");
    System.out.println("화면에서 받은 거래처 정보 : "+ business);

    businessService.businessInsert(business);

    return "redirect:/basic_management/business/businessList";
}

```

■ Service

```

//거래처 등록

```

```
public int businessInsert(Business business) {  
    return businessMapper.businessInsert(business);  
}
```

■ Mapper(SQL)

```
<insert id="businessInsert" parameterType="Business">  
INSERT INTO tb_business(  
    businessName,  
    partnerName,  
    partnerPhone,  
    registerNum,  
    businessType,  
    sectors,  
    `status`,  
    callNum,  
    address,  
    FAX,  
    businessStaff,  
    businessStaffPhone,  
    businessStaffEmail,  
    note,  
    martCode,  
    ID,  
    regDate  
)VALUES (  
    #{businessName},  
    #{partnerName},  
    #{partnerPhone},  
    #{registerNum},  
    #{businessType},  
    #{sectors},  
    #{status},  
    #{callNum},  
    #{address},  
    #{fax},  
    #{businessStaff},  
    #{businessStaffPhone},  
    #{businessStaffEmail},  
    #{note},  
    #{martCode},  
    #{id},  
    NOW()  
);  
</insert>
```


기초관리 > 거래처 정보 수정

The image displays the '거래처 수정' (Merchant Modification) process. On the left, a table lists merchants with columns for '업종' (Industry) and '등록일' (Registration Date). A red box highlights the '수정' (Modify) button for the merchant '농업' (Agriculture) registered on '2022-01-02'. An arrow points to the right, where a detailed form for '거래처 수정' (Merchant Modification) is shown. The form includes fields for '거래처명' (Merchant Name), '대표자명' (Representative Name), '대표자번호' (Representative Number), '사업장등록번호' (Business Registration Number), '구분' (Category), '업종' (Industry), '입태' (Establishment), '전화번호' (Phone Number), '상세주소' (Detailed Address), 'FAX', '담당자 이름' (Responsible Person Name), '담당자 연락처' (Responsible Person Contact), '담당자 이메일' (Responsible Person Email), and '비고' (Remarks). A red box highlights the '수정 완료' (Modify Complete) button at the bottom right of the form. Below the form, a confirmation dialog is shown with the text 'localhost 내용: 수정이 완료되었습니다.' (localhost content: Modification is complete.) and a blue '확인' (Confirm) button.

로그인 내역

- 수정버튼 클릭 시 거래처 수정화면이 보여진다.
- 수정 작성 완료후 수정완료 버튼클릭시 “수정이 완료되었습니다” 모달확인창 보여진다.

■ Html(javascript)

```

DOCTYPE html>
<html xmlns:th="http://www.thymeleaf.org"
      xmlns:layout="http://www.ultraq.net.nz/thymeleaf/layout"
      layout:decorate="@{Layout/default}">

<th:block layout:fragment="customTitle">
  <title>거래처 수정</title>
</th:block>
<th:block layout:fragment="LocationTitle">
</th:block>
<th:block layout:fragment="LocationPlace">
  <a id="main" th:href="@{/main}" class="joc-text1">MAIN</a>
  > 기초관리 > 거래처관리 > 거래처수정
  
```

```

        </th:block>

<th:block layout:fragment="customContents">

    <div class="row justify-content-center">
        <div class="col-md-6" style="margin-top: -1%">
            <div class="card card-primary">
                <div class="btn-sm bg-
warning color-palette btn-block card-header ">
                    <b><i class="fas fa-
check"></i> 거래처 수정</b>
                </div>
                <form th:action="@{/basic_manage
ment/business/businessUpdate}" method="post">
                    <div class="card-
body" th:if="{not #Lists.isEmpty(businessInfo)}" th:each="L : ${businessIn
fo}">
                        <div class
="form-group row">
                            <label for="Name" class="col-sm-3 col-form-
Label "><code>*</code> 거래처명</label>
                            <div class="col-sm-9">
                                <input type="text" class="form-
control" name="businessName" id="businessName"
                                th:value="{L.businessName}
                                ">
                            </div>
                        </div>
                        <div class
="form-group row">
                            <label class="col-sm-3 col-form-Label "><code>*</code> 대표자명</label>
                            <div class="col-sm-9">
                                <input type="text" class="form-
control" name="partnerName" id="partnerName"
                                th:value="{L.partnerName}"
                                >
                            </div>
                        </div>
                    </div>
                </form>
            </div>
        </div>
    </div>

```

```

<div class
="form-group row">

<label class="col-sm-3 col-form-label"><code>*</code> 대표자번호</label>

<div class="col-sm-9">

    <input type="text" class="form-
control" name="partnerPhone" id="partnerPhone"
th:value="{L.partnerPhone}"
" readonly="readonly">

</div>

</div>

<div class
="form-group row">

<label class="col-sm-3 col-form-label"><code>*</code> 사업장등록번호</label>

<div class="col-sm-9">

    <input type="text" class="form-
control" name="registerNum" id="registerNum"
th:value="{L.registerNum}">

</div>

</div>

<div class
="form-group row">

<label class="col-sm-3 col-form-label"><code>*</code> 구분</label>

<div class="col-sm-9">

    <input type="text" class="form-
control" name="businessType" id="businessType"
th:value="{L.businessType}">

</div>

</div>

<div class
="form-group row">

<label class="col-sm-3 col-form-label">업종</label>

<div class="col-sm-9">

```

```

        <input type="text" class="form-
control" name="sectors" id="sectors"
                                th:value="{L.sectors}" >
</div>
                                </div>
                                <div class
="form-group row">
<label class="col-sm-3 col-form-label">업태</label>
<div class="col-sm-9">
        <input type="text" class="form-
control" name="status" id="status"
                                th:value="{L.status}">
</div>
                                </div>
                                <div class
="form-group row">
<label class="col-sm-3 col-form-label">전화번호</label>
<div class="col-sm-9">
        <input type="tel" class="form-
control" name="callNum" id="callNum"
                                th:value="{L.callNum}">
</div>
                                </div>
                                <div class
="form-group row">
<label class="col-sm-3 col-form-label">상세주소</label>
<div class="col-sm-9">
        <input type="text" class="form-
control" name="address" id="address"
                                th:value="{L.address}">
</div>

```

```

</div>
<div class
="form-group row">
<label class="col-sm-3 col-form-label">FAX</label>
<div class="col-sm-9">
    <input type="text" class="form-control" name="fax" id="fax"
        th:value="{L.fax}">
</div>
</div>
<div class
="form-group row">
<label class="col-sm-3 col-form-label"><code>*</code> 담당자 이름</label>
<div class="col-sm-9">
    <input type="text" class="form-
control" name="businessStaff" id="businessStaff"
        th:value="{L.businessStaff
}">
</div>
</div>
<div class
="form-group row">
<label class="col-sm-3 col-form-label"><code>*</code> 담당자 연락처</label>
<div class="col-sm-9">
    <input type="text" class="form-
control" name="businessStaffPhone" id="businessStaffPhone"
        th:value="{L.businessStaff
Phone}">
</div>
</div>
<div class
="form-group row">
<label class="col-sm-3 col-form-label">담당자 이메일</label>

```

```

<div class="col-sm-9">
    <input type="email" class="form-
control" name="businessStaffEmail" id="businessStaffEmail"
th:value="${L.businessStaff
Email}">
</div>
</div>
<div class
="form-group row">
<label class="col-sm-3 col-form-label">비고</label>
<div class="col-sm-9">
    <input type="email" class="form-control" name="note" id="note"
th:value="${L.note}">
</div>
</div>
<div style="display: none">
<input type="text" class="form-
control" name="businessCode" id="businessCode"
th:value="${L.businessCode}
">
</div>
</div>
<button type="submit"
id="bsupdateBtn" class="btn btn-m bg-warning color-palette btn-block">
<b>수정 완료</b></butt
on>
</form>
</div>
</div>
</div>
<th:block layout:fragment="customJs">
<script>
    $(function(){
        $(document).on('click', '#bsupda
teBtn', function(){
            alert('수정이 완료되었
습니다.');
```

```

it());
                                                    $('#updateForm').submit();
                                                    });
                                                    });
        </script>
    </th:block>
</th:block>
</html>

```

■ Controller

```

//거래처관리 > 거래처 수정화면(정도혜)
@GetMapping("/businessUpdate")
public String businessUpdate(@RequestParam(value="businessCode", required = false) String businessCode, Model model) {
    System.out.println("페이지: 거래처 수정 ");
    System.out.println("경로: basic_management/business/businessUpdate(GET 방식 성공) ");
    System.out.println("리츠스에서 받은 거래처 코드: " + businessCode);

    Business businessInfo = businessService.getBusinessInfoByCode(businessCode);
    model.addAttribute("businessInfo", businessInfo);
    System.out.println("모델에 담긴 비즈니스정보: " + model);

    return "basic_management/business/businessUpdate";
}

//거래처 관리 > 거래처 수정 작업 (정도혜)
@PostMapping("/businessUpdate")
public String businessUpdate(Business business) {
    System.out.println("페이지: 거래처 수정 ");
    System.out.println("경로: basic_management/business/businessUpdate(POST 방식 성공) ");
    Log.info("수정화면에서 받은 businessinfo : {}", business);

    businessService.updateBusinessInfo(business);

    return "redirect:/basic_management/business/businessList";
}

```

■ Service

```

// 거래처 정보 수정
public int updateBusinessInfo(Business business) {
    return businessMapper.updateBusinessInfo(business);
}

```

```
}
```

■ Mapper(SQL)

```
<update id="updateBusinessInfo" parameterType="Business">
    UPDATE tb_business
    <trim prefix="SET" prefixOverrides=", ">
        <if test="businessName != null and businessName != ''.toString()">
            ,businessName = #{businessName}
        </if>
        <if test="partnerName != null and partnerName != ''.toString()">
            ,partnerName = #{partnerName}
        </if>
        <if test="registerNum != null and registerNum != ''.toString()">
            ,registerNum = #{registerNum}
        </if>
        <if test="businessType != null and businessType != ''.toString()">
            ,businessType = #{businessType}
        </if>
        <if test="sectors != null and sectors != ''.toString()">
            ,sectors = #{sectors}
        </if>
        <if test="status != null and status != ''.toString()">
            ,status = #{status}
        </if>
        <if test="callNum != null and callNum != ''.toString()">
            ,callNum = #{callNum}
        </if>
        <if test="address != null and address != ''.toString()">
            ,address = #{address}
        </if>
        <if test="fax != null and fax != ''.toString()">
            ,FAX = #{fax}
        </if>
        <if test="businessStaff != null and businessStaff != ''.toString()">
            ,businessStaff = #{businessStaff}
        </if>
    </trim>
</update>
```



```

                <if test="businessStaffPhone != null and bu
businessStaffPhone != ''.toString()">
                    ,businessStaffPhone = #{business
StaffPhone}
                </if>
                <if test="businessStaffEmail != null and bu
businessStaffEmail != ''.toString()">
                    ,businessStaffEmail = #{business
StaffEmail}
                </if>
                <if test="note != null and note != ''.toStr
ing()">
                    ,note = #{note}
                </if>
            </trim>
        WHERE
            businessCode=#{businessCode}
    </update> SELECT
    CASE
    WHEN COUNT(1) = 0 THEN 'login_001'
    ELSE
        CONCAT('login_', LPAD(MAX(CAST(SUBSTRING(login_num,7,3)AS D
ECIMAL)+1),3,0))
    END AS loginNum
    FROM
        tb_member_login;
</select>

```

거래관리 > 주문관리(검색, 조회, 취소)

번호	매입처	주문번호	납품일	상태	매입일시	주문서상세내역	주문취소
1	공심은데공나물	1	2022-01-05	반려	2022-01-05 14:59:26	주문서 상세보기	취소
3	농업회사 받았간	3	2022-01-06	반려	2022-01-06 13:54:44	주문서 상세보기	취소
5	용궁수산	5	2022-01-05	승인	2022-01-01 18:34:32	주문서 상세보기	취소
6	민수축산	6	2022-01-10	승인	2022-01-05 18:34:26	주문서 상세보기	취소
7	간간농가	4	2022-01-10	승인	2022-01-07 10:30:00	주문서 상세보기	취소

번호	매입처	주문번호	납품일	상태	매입일시	주문서상세내역	주문취소
1	공심은데공나물	1	2022-01-05	반려	2022-01-05 14:59:26	주문서 상세보기	취소
3	농업회사 받았간	3	2022-01-06	반려	2022-01-06 13:54:44	주문서 상세보기	취소
5	용궁수산	5	2022-01-05	승인	2022-01-01 18:34:32	주문서 상세보기	취소
6	민수축산	6	2022-01-10	승인	2022-01-05 18:34:26	주문서 상세보기	취소
7	간간농가	4	2022-01-10	승인	2022-01-07 10:30:00	주문서 상세보기	취소

주문관리(검색, 조회, 취소)

- 등록된 주문내역을 확인/조회할 수 있는 화면
- 키워드 검색으로 통해 검색하고자 하는 키워드(주문번호,매입처,납품일,상태)검색이 가능하다.
- 상태 검색으로 검색이 가능하다.
- 월 판매건수 화면에 보여준다

- 주문 취소 버튼 클릭 시 "정말 취소하시겠습니까?" 알림창을 보여준다.

■ Html(javascript)

```
DOCTYPE html>
<html xmlns:th="http://www.thymeleaf.org"
      xmlns:layout="http://www.ultraq.net.nz/thymeleaf/layout"
      layout:decorate="@{layout/default}">

<th:block layout:fragment="customTitle">
    <title>주문관리</title>
</th:block>
<th:block layout:fragment="LocationTitle">
</th:block>
<th:block layout:fragment="LocationPlace">
    <a id="main" th:href="@{/main}" class="joc-text1">MAIN</a>
        > 기초관리 > 주문관리 > 주문서 조회
    </th:block>

<th:block layout:fragment="customContents">

    <div class="col-md-12">
        <div class="card card-warning color-pallete">
            <div class="card-header">
                <h3 class="card-title">
                    <b>주문 조회</b>
                </h3>
            </div>
            <div class="card-body table-responsive">

                <form th:action="@{/product_management/order/orderList}" method="post">

                    <div class="form-
group row">
                        <label cla
ss="col-sm-1 col-form-label">주문검색</label>
                        <div class
="col-sm-2">
<select name="searchKey" class="form-control custom-select">

                <option>전체 검색</option>

                <option value="orderNum">주문번호</option>

                <option value="businessName">매입처</option>

                <option value="deliveryDate">납품일</option>

                <option value="state">상태</option>
            </div>
        </div>
    </div>
</th:block>
</div>
```

```

</select>
</div>
<div class
="input-group input-group-m" style="width: 515px;">
<input type="text" name="searchValue" style="margin-left: 3%" class="form-
control float-right" placeholder="검색어를 입력해주세요.">
</div>
</div>

<div class="form-
group row">
<label cla
ss="col-sm-1 col-form-label">주문일자</label>
<div class
="col-sm-2">
<input type="date" name="startDt" id="date" class="form-control">
</div>
<th:block>
<b>~</b>
</th:block>
<div class
="col-sm-5">
<input type="date" name="endDt" id="date" class="form-control">
</div>
</div>

<div class="form-
group row" style="margin-bottom: 1px;">
<label cla
ss="col-sm-1 ">상태 검색</label>
<div class
="col-sm-2">
<select name="state" class="form-control text-center">
<option value="">전체보기</option>
<option value="">진행중</option>
<option value="">승인</option>

```

```

        <option value="">반려</option>
</select>
</div>
<div class
="col-sm-2">
<button type="submit" class="btn btn-block bg-gradient-warning btn-sm">
    <b>검색</b>
</button>
</div>
<div class
="col-sm-1">
<a th:href="@{/product_management/order/orderList}" type="button" class="btn
btn-block bg-gradient-warning btn-sm">
    <i class="fas fa-redo-alt"></i>
</a>
</div>
<div class
="col-sm-2">
<a th:href="@{/product_management/order/orderInsert}" type="button" class="
btn btn-block bg-gradient-info btn-sm">
    <b>주문 등록</b>
</a>
</div>
<div class
="col-2" align="center" style="margin-bottom: -5px; margin-top: -
110px; margin-
left: 120px">
<div class="info-box mb-3 bg-info">
    <span class="info-box-icon bg-teal disabled color-
palette elevation-1">
        <i class="fas fa-shopping-cart"></i>
    </span>
    <div class="info-box-content">

```



```

                                                                    <tr th:if=
"${not #Lists.isEmpty(orderList)}"
                                                                    th:each="l, i: ${orderList}">
<td th:text="${l.orderCode}"></td>
<td th:text="${l.business.getBusinessName()}"></td>
<td th:text="${l.orderNum}"></td>
<td th:text="${l.deliveryDate}"></td>
<td class="state-color" th:text="${l.state}"></td>
<td th:text="${l.purchaseDate}"></td>
<td>
    <a th:href="@{/product_management/order/orderDetail(orderCode=${
L.orderCode})}">
        <button type="submit" class="btn btn-outline-
primary btn-xs">주문서 상세보기</button>
    </a>
</td>
<td>
    <a th:href="@{/product_management/order/orderList}">
        <button type="button" id="salesBtn" class="btn btn-
outline-danger btn-xs">취소</button>
    </a>
</td>
                                                                    </tr>
                                                                    </tbody>
                                                                    </table>
                                                                    </div>
                                                                    <div class="card-footer"></div>
                                                                    </div>
                                                                    </div>
</th:block>
<th:block layout:fragment="customJs">
    <script type="text/javascript">
        $(function(){
            var stateGroup = $(''.state-color');

```

```

        for(var i=0; i<stateGroup.length; i++){
            if($(stateGroup[i]).text() == '
반려'){
                $(stateGroup[i]).css(
'color','red');
            }else if($(stateGroup[i]).text()
== '승인'){
                $(stateGroup[i]).css(
'color','blue');
            }else{
                $(stateGroup[i]).css(
'color','green');
            }
        }
    });

    //주문취소버튼 알림
    $(function(){
        $(document).on('click', '#salesBtn', function(){
            alert('정말 취소하시겠습니까?');
            $('#saleForm').submit();
        });
    });
</script>
</th:block>
</html>

```

■ Controller

```

//주문관리 > 주문목록 (정도혜)
@GetMapping("/orderList")
public String orderList(HttpServletRequest request, Model model)
{
    System.out.println("페이지: 주문 관리");
    System.out.println("경로: product_management/order/orderList(GET 방식 성공) ");

    HttpSession session = request.getSession();
    String sessionMartCode = (String) session.getAttribute("SMARTCODE");

    List orderList = orderService.getOrderList();
    model.addAttribute("orderList",orderList);

    List<Map<String, Object>> totalOrderPrice = orderService.totalOrderPrice(sessionMartCode);
    model.addAttribute("totalOrderPrice", totalOrderPrice);
};

```



```

        System.out.println(totalOrderPrice);

        return "product_management/order/orderList";
    }

    //주문관리 > 주문 검색 (정도혜)
    @PostMapping("/orderList")
    public String getSearchOrderList(
        @RequestParam(value="searchKey", required =
false) String searchKey
        ,@RequestParam(value="searchValue", require
d = false) String searchValue
        ,@RequestParam(value="searchState", require
d = false) String searchState
        ,@RequestParam(value="startDt", required =
false) String startDt
        ,@RequestParam(value="endDt", required = fa
lse) String endDt
        ,Model model){
        System.out.println(searchKey);
        System.out.println(searchValue);
        System.out.println(searchState);

        if(searchKey != null && "orderNum".equals(searchKey))
        {
            searchKey = "orderNum";
        }else if(searchKey != null && "businessName".equals(s
earchKey)) {
            searchKey = "businessName";
        }else if(searchKey != null && "state".equals(searchKe
y)) {
            searchKey = "state";
        }else {
            searchKey = "deliveryDate";
        }

        // 검색키 검색어를 통해서 사용자목록 조회
        List orderList = orderService.getOrderListBySearchKey
(searchKey, searchValue, startDt, endDt);

        Map<String, Object> paramMap = new HashMap<String, Ob
ject>();
        paramMap.put("searchState", searchState);

        // 조회된 회원목록 model 에 값을 저장
        model.addAttribute("title", "주문목록조회");
        model.addAttribute("orderList", orderList);
    }

```

```
        return "product_management/order/orderList";
    }
}
```

■ Service

```
//주문 전체조회
public List getOrderList(){
    return orderMapper.getOrderList();
}

public List getViewOrder(){
    return orderMapper.getViewOrder();
}

//주문 조건 검색
public List getOrderListBySearchKey(String searchKey, String searchValue
, String startDt, String endDt) {
    return orderMapper.getOrderListBySearchKey(searchKey, searchValue, startDt, endDt);
}
```

■ Mapper(SQL)

```
<select id="getOrderList" parameterType="String" resultMap="OrderResultMap">
    SELECT
        o.orderCode,
        o.businessCode,
        o.orderNum,
        o.deliveryDate,
        o.state,
        o.purchaseDate,
        o.martCode,
        o.id,
        o.totalOrderPrice,
        o.regDate,
        b.businessName
    FROM
        tb_order AS o
    INNER JOIN tb_business AS b
        ON o.businessCode = b.businessCode
</select>
```

```

<select id="getOrderListBySearchKey" resultMap="OrderResultMap">

    SELECT
        o.orderCode,
        o.businessCode,
        o.orderNum,
        o.deliveryDate,
        o.state,
        o.purchaseDate,
        o.martCode,
        o.id,
        o.regDate,
        b.businessName,
        date_format(o.regDate, '%Y-%m-%d') AS regDate

    FROM
        tb_order AS o
        INNER JOIN
        tb_business AS b
        ON
        o.businessCode = b.businessCode
        <trim prefix="WHERE" prefixOverrides="AND/OR">
            <if test="searchValue != null and searchValue != ''>
                AND ${searchKey} LIKE CONCAT('%'
                , #{searchValue}, '%');
            </if>
            <if test="startDt != null and startDt != ''
            .toString() and endDt != null and endDt != ''>
                AND date_format(o.regDate, '%Y-%
            m-%d') BETWEEN #{startDt} AND #{endDt}
            </if>
        </trim>
    </select>

```

거래관리 > 주문관리(주문내역 상세보기)

주문서 상세내역
Print

» 주문번호: 5

» 거래처명: 용궁수산

» 사업자등록번호: 524-60-5123

» 담당자: 오대성

번호	상품명	규격	단위	유형	수량	매입단가	공급가액	부가세	총 금액
1	갈치	50g		과세	5개	20,000원	90,909원	9,091원	100,000원
2	대구	60g		과세	30개	15,000원	409,091원	40,909원	450,000원

결제 대금

합계 : 550,000

VAT : 50,000

닫기

(print 기능)

주문서 상세내역
7mm
Print

» 주문번호: 5

» 거래처명: 용궁수산

» 사업자등록번호: 524-60-5123

» 담당자: 오대성

번호	상품명	규격	단위	유형	수량	매입단가	공급가액	부가세	총 금액
1	갈치	50g		과세	5개	20,000원	90,909원	9,091원	100,000원
2	대구	60g		과세	30개	15,000원	409,091원	40,909원	450,000원

결제 대금

합계 : 550,000

VAT : 50,000

인쇄 용지 1장

대상 Microsoft Print to PDF

페이지 전체

컬러 컬러

설정 더보기

인쇄
취소

주문관리 (주문상세내역)

- 주문받은 주문내역을 상세하게 보여준다.
- print 버튼 클릭 시 print 가 가능하다.

■ Html(javascript)

```

DOCTYPE html>
<html xmlns:th="http://www.thymeleaf.org"
      xmlns:layout="http://www.ultraq.net.nz/thymeleaf/layout"
      layout:decorate="@{layout/default}">
    
```

```

<th:block layout:fragment="customTitle">
    <title>주문관리</title>
</th:block>
<th:block layout:fragment="LocationTitle">
</th:block>
<th:block layout:fragment="LocationPlace">
    <a id="main" th:href="@{/main}" class="joc-text1">MAIN</a>
        > 거래관리 > 주문서관리 > 주문서 상세내역
    </th:block>

<th:block layout:fragment="customContents">
<div id="print">
    <div class="row">
        <div class="col-10 mx-auto">

                <div class="invoice p-2" style="margin-
top: -1%">

                    <div class="row">
                        <div class="col-10">
                            <h4 style="
"margin-top: 2%">

<i class="fas fa-cart-plus" style="margin-bottom: 1%"></i>

<b style="font-size: 80%"> 주문서 상세내역</b>
                <button type="button" value=
"인쇄하기" id="print" onclick="javascript:content_print();" class="btn-
sm btn-info float-right" style="margin-right: -3.8cm;">
                    <i class="fas fa-download"></i> Print
                </button>

                                </h4>
                            </div>
                        </div>
                    </div>
                <div class="row invoice-info">
                    <div class="col-3.5">
                        <table cla
ss="table">

<tbody style="font-size: small;">

                <th:block th:if="{not #lists.isEmpty(orderList)}" th:each="L, i
: {orderList}">

                    <tr>

                                <th><i class="fas fa-angle-double-
right"></i> 주문번호 :</th>

```

```

                <td th:text="\${L.orderNum}">
            </tr>
        <tr>
            <th><i class="fas fa-angle-double-
right"></i> 거래처명 :</th>
            <td th:text="\${L.business.getBusinessName()}
}">
        </tr>
        <tr>
            <th><i class="fas fa-angle-double-
right"></i> 사업자등록번호 :</th>
            <td th:text="\${L.business.getRegisterNum()}
">
        </tr>
        <tr>
            <th><i class="fas fa-angle-double-
right"></i> 담당자 :</th>
            <td th:text="\${L.user.getName()}">
        </tr>
    </th:block>
</tbody>
</table>
</div>
</div>
<div class="row">
    <div class="col-
12 table-responsive">
        <table cla
ss="table table-striped">
<thead align="center">

```

```

        <tr>
            <th>번호</th>
            <th>상품명</th>
            <th>규격</th>
            <th>단위</th>
            <th>유형</th>
            <th>수량</th>
            <th>매입단가</th>
            <th>공급가액</th>
            <th>부가세</th>
            <th>총 금액</th>
        </tr>
    </thead>
    <tbody align="center">
        <tr th:if="{not #lists.isEmpty(orderDetailList)}" th:each="l, i
        : {orderDetailList}">
            <td th:text="{i.index+1}"></td>
            <td th:text="{l.goods.getGoodsName()}"></td>
            <td th:text="{l.goods.getWeight()}"></td>
            <td th:text="{l.goods.getUnit()}"></td>
            <td th:text="{l.goods.getTaxType()}"></td>
            <td class="goodsCount" th:text="{l.qty}"></td>
            <td class="money" th:text="{l.purchasePrice}"></td>
            <td class="money" th:text="{l.supplyPrice}"></td>
            <td class="money sumVat" th:text="{l.vat}"></td>

```

```

                <td class="money sumTotalPrice" th:text="{L.totalPri
ce}"></td>
            </tr>
        </tbody>
    </table>
</div>
</div>
<div class="row">
    <div class="col-4">
        <b style="
color: red"> 결제 대금</b>
    </div class
="table-responsive">
<table class="table">
    <tbody>
        <tr>
            <th>VAT : </th>
        </tr>
        <tr>
            <th>합계 : </th>
        </tr>
    </tbody>
</table>
</div>
</div>
<div class="row no-
print" style="margin-top: -4%">
    <div class="col-12">
        <a href=or
derList class="btn-sm bg-danger color-palette float-right"
style="margin-
right: 3%;"><b> 닫기 </b></a>
    </div>

```



```

</div>
</div>
</div>
</div>
</th:block>
<th:block layout:fragment="customJs">
  <script>
    $(function(){
      //총 금액합계 구하기
      var vatGroup = $('.sumVat')
      var priceGroup = $('.sumTotalPrice')
      console.log(vatGroup);

      for(var i=0; i<vatGroup.length; i++){
        console.log($(vatGroup[i]).text(
      ));
    });
  });

  </script>
  <script type="text/javascript">
    function content_print(){

      var initBody = document.body.innerHTML;
      window.onbeforeprint = function(){
        document.body.innerHTML =

        document.getElementById('print').innerH
TML;
      }
      window.onafterprint = function(){
        document.body.innerHTML = initBody;
      }
      window.print();
    }
  </script>
</th:block>
</html>

```

■ Controller

```

//주문관리 > 주문상세 (정도혜)
@GetMapping("/orderDetail")
public String returnList(@RequestParam(value="orderCode", req
uired = false)String orderCode, Model model) {

```

```

        System.out.println("페이지: 주문상세 조회 ");
        System.out.println("경로: product_management/order/orderDetail(GET 방식 성공) ");
        System.out.println("orderCode:" + orderCode);

        List orderDetailList = orderService.getsalesDetailList(orderCode);
        model.addAttribute("orderDetailList", orderDetailList);

        List orderList = orderService.getOrderListByOrderCode(orderCode);
        model.addAttribute("orderList", orderList);

        return "product_management/order/orderDetail";
    }

```

■ Service

```

//주문서 상세 내역 테이블
    public List getsalesDetailList(String orderCode) {
        return orderMapper.getsalesDetailList(orderCode);
    }

```

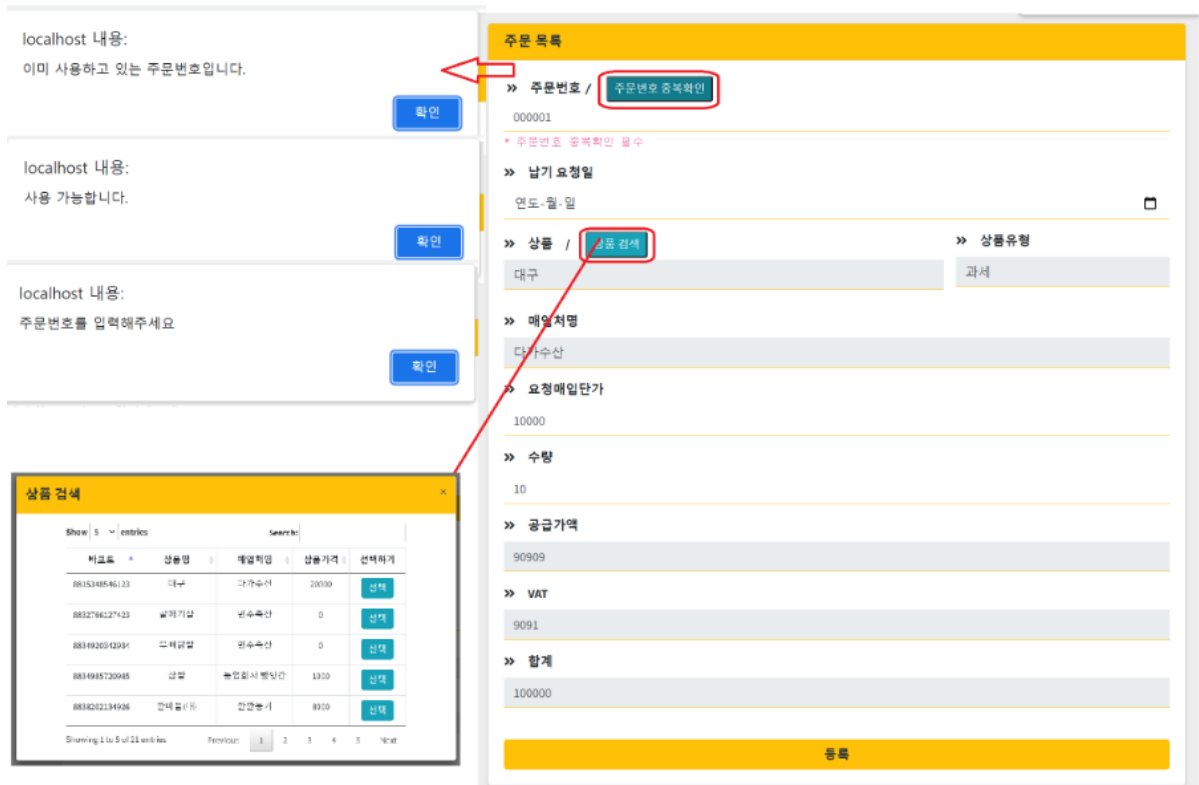
■ Mapper(SQL)

```

    <select id="getsalesDetailList" resultType="orderDetail" resultMap="OrderDetailMap">
        SELECT
            s.QTY,s.totalPrice,s.supplyPrice,s.VAT,s.purchasePrice,
            g.weight,g.goodsName,g.taxType,g.unit
        FROM
            tb_orderDetail AS s
            INNER JOIN
            tb_goods AS g
            ON
            s.barcode = g.barcode
        WHERE
            s.orderCode = #{orderCode}
    </select>

```

거래관리 > 주문관리 > 주문등록



주문관리 (주문등록)

- 주문번호 중복 확인 시 "주문번호를 입력해주세요", "이미 사용하고 있는 주문번호입니다.", "사용가능합니다" 라는 알림창이 보여진다.

☞ 상품검색 버튼 클릭시 상품정보가 담긴 모달창이 보여진다. 상품 선택시 상품명, 상품 유형,매입처명이 자동으로 등록된다.

☞ 요청매입단가, 수량 입력시 공급가액, VAT, 합계가 자동 계산된다.

■ Html(javascript)

```

DOCTYPE html>
<html xmlns:th="http://www.thymeLeaf.org"
      xmlns:layout="http://www.ultraq.net.nz/thymeLeaf/layout"
      layout:decorate="@{layout/default}">

<th:block layout:fragment="customTitle">
    <title>주문관리</title>
</th:block>
<th:block layout:fragment="LocationTitle">
</th:block>

```

```

<th:block layout:fragment="LocationPlace">
    <a id="main" th:href="@{/main}" class="joc-
text1"><b>MAIN</b></a>
        > 기초관리 > 주문관리 > 주문서 등록
</th:block>

<th:block layout:fragment="customContents">
    <div class="row justify-content-center">

        <div class="col-md-7">

            <div class="card card-warning color-
palette">

                <div class="card-header">
                    <h3 class="card-
title">
                        <b>주문 목
                        </b>
                    </h3>
                </div>

                <div class="card-body">
                    <div class="table tab
le-head-fixed text-nowrap">
                        <form th:a
ction="@{/product_management/order/orderInsertAction}" method="post">
                            <div class="form-group">

                                <label for="orderInput"></label>

                                    <i class="fas fa-angle-double-right"> 주문번호 / </i>

                                        <button type="button" id="orderCheckBtn" cl
ass="btn-sm bg-info disabled color-palette">
                                            주문번호 중복확인
                                        </button>

                                            <input type="number" name="orderNum" id="orderInput" placeholder
="관리 할 주문번호를 입력해주세요." class="form-control form-control-
border border-warning">

                                                <code>* 주문번호 중복확인 필수</code>

```

```

</div>

<div class="form-group">
    <label for="exampleInputBorderWidth2">
        <i class="fas fa-angle-double-right"></i> 납기 요청일
    </label>
    <input type="date" name="deliveryDate" class="form-control form-control-border border-warning">
</div>

<div class="row form-group">
    <div class="col-8">
        <label for="exampleInputBorderWidth2">
            <i class="fas fa-angle-double-
right"></i> 상품 /
        </label>
        <button type="button" id="searchGoodsBtn" class="btn-sm bg-info disabled color-palette"
            data-
toggle="modal" data-target="#modal-default2">
            상품 검색
        </button>
        <input type="text" class="form-control form-control-border border-warning"
            id="goodsNameInput" r
eadonly="readOnly">
        <div style="display:none;">
            <input type="text" class="form-
control form-control-border border-warning"
            id="barcodeInput
" name="barcode" readOnly="readOnly">

```

```

        </div>

    </div>

    <div class="col-4">

        <div class="form-group">

            <label for="exampleInputBorderWidth2">

                <i class="fas fa-angle-double-
right"></i> 상품유형

            </label>

            <input type="text" class="form-
control form-control-border border-warning totalPrice"
                id="taxTypeInput
" readonly>

        </div>

    </div>

</div>

<div class="form-group">

    <label for="exampleInputBorderWidth2">

        <i class="fas fa-angle-double-right"></i> 매입처명

    </label>

    <input type="text" class="form-control form-control-
border border-warning"
        id="businessNameInput" read
only="readonly">

        <div style="display:none;">

            <input type="text" class="form-control form-control-
border border-warning"
                name="businessCode" i
d="businessCodeInput" readonly="readonly">

```

```

        </div>
</div>

<div class="form-group">
    <label for="exampleInputBorderWidth2">
        <i class="fas fa-angle-double-right"></i> 요청매입단가
    </label>
    <input type="number" class="form-control form-control-
border border-warning totalPrice"
        id="purchasePriceInput" nam
e="purchasePrice">
</div>

<div class="form-group">
    <label for="exampleInputBorderWidth2">
        <i class="fas fa-angle-double-right"></i> 수량
    </label>
    <input type="number" name="qty" id="qtyInput" class="form-
control form-control-border border-warning totalPrice">
</div>

<div class="form-group">
    <label for="exampleInputBorderWidth2">
        <i class="fas fa-angle-double-right"></i> 공급가액
    </label>
    <input type="text" class="form-control form-control-
border border-warning"
        name="supplyPrice" id="supp
lyPriceInput" readonly="readonly">
</div>

```

```

<div class="form-group">
    <label for="exampleInputBorderWidth2">
        <i class="fas fa-angle-double-right"></i> VAT
    </label>
    <input type="text" class="form-control form-control-
border border-warning"
                                                name="vat" id="vatInput" re
adonly="readonly">
</div>

<div class="form-group">
    <label for="exampleInputBorderWidth2">
        <i class="fas fa-angle-double-right"></i> 합계
    </label>
    <input type="text" class="form-control form-control-
border border-warning"
                                                name="totalPrice" id="total
pricesInput" readonly="readonly">
</div>

<div style="margin-top: 40px;">
    <button type="submit" class="btn btn-m bg-warning color-
palette btn-block">
        <b>등록</b>
    </button>
</div>
</div>
</form>
</div>
</div>
</div>
</div>
</div>

```



```

        <form th:action="@{/product_management/sales/salesInsertAction}"
            method="POST" id="salesInsertForm" class="form-horizontal">
            <div class="modal content" id="modal-
default2" style="display: none;"
                aria-hidden="true">
                <div class="modal-dialog modal-Lg">
                    <div class="modal-content">
                        <div class="modal-
header bg-warning">
                            <h4 class=
"modal-title">
                                <b>상품 검색</b>
                            </h4>
                            <button ty
pe="button" class="close" data-dismiss="modal "
                                aria-label="Close">
                                <span aria-hidden="true">x</span>
                            </button>
                        </div>
                        <div class="modal-
body mx-auto">
                            <div id="e
xample2_wrapper"
                                class="dataTables_wrapper dt-
bootstrap4">
                                    <div class="col-sm-15">
                                        <table style="width: 100%" id="dataTableAjax2"
                                            class="text-
center table table-bordered dataTable dtr-inline"
                                            role="grid" aria-
describedby="example2_info">
                                            <thead>
                                                <tr style="width: 100%" role="row">
                                                    <th class="sorting sorting_asc"
                                                        tabindex="0"
                                                        aria-
controls="example2" style="" rowspan="1" colspan="1"
                                                        aria-
label="Browser: activate to sort column descending"

```

```
aria-
sort="ascending">바코드</th>
<th class="sorting sorting_asc"
tabindex="0"
controls="example2" rowspan="1" colspan="1"
aria-
aria-
aria-
label="Rendering engine: activate to sort column descending">
    상품명</th>
<th class="sorting sorting_asc"
tabindex="0"
controls="example2" rowspan="1" colspan="1"
aria-
aria-
aria-
label="Browser: activate to sort column descending"
sort="ascending">매입처명</th>
<th class="sorting sorting_asc"
tabindex="0"
controls="example2" rowspan="1" colspan="1"
aria-
aria-
aria-
label="Browser: activate to sort column descending"
sort="ascending">상품가격</th>
<th tabindex="0" rowspan="1" col
span="1">선택하기</th>
</tr>
</thead>
</table>
</div>
</div>
</div>
</div>
</div>
</div>
</form>
```

```

</th:block>

<th:block layout:fragment="customJs">
<script>
    //상품리스트 조회 Ajax
    $(function(){

        //상품가격 자동등록
        $(document).on('keyup', '.totalPrice', function(){
            var purchasePriceInput = Number($('#purchasePriceInput').val());
            var qtyInput = Number($('#qtyInput').val());
            var totalpricesInput = $('#totalpricesInput').val();
            var supplyPriceInput = $('#supplyPriceInput').val();
            var vatInput = $('#vatInput').val();
            var taxTypeInput = $('#taxTypeInput').val();

            console.log("ddd")

            //총가격
            totalpricesInput.val(purchasePriceInput*qtyInput);

            //부가세구하기
            if(taxTypeInput == '과세'){
                var supplyPrice = Math.round(Number(totalpricesInput.val()) / 11 * 10);
                var vat = Math.round(Number(totalpricesInput.val()) / 11);
                supplyPriceInput.val(supplyPrice);
                vatInput.val(vat);
            }else {
                supplyPriceInput.val(Number(totalpricesInput.val()));
            }
        });

        // 상품목록 ajax
        $(document).on('click', '#searchGoodsBtn', function(){
            var aLengthMenuArray = [];
            aLengthMenuArray.push([5,10]);
            aLengthMenuArray.push([5,10]);

            $('#dataTableAjax2').DataTable({

```

```

destroy: true,
pageLength: 5,
aLengthMenu: aLengthMenuArray,
ajax: {
    url: '/trade_manage
nt/sales/searchGoodsModal',
    type: 'POST',
    dataSrc: function(
data){
        console.log(JSON.stringi
fy(data));
        return data;
    }
},
columns: [
    { data: "barcode"},
    { data: "goodsName"},
    { data: "businessName
"},
    { data: "salesPrice"}
],
columnDefs: [
    {
        targets: [
            4],
        orderable
        : false,
        searchable
        : false,
        render : f
unction(data, type, row){
    var htmlbtn2 = '<button type="button" data-dismiss="modal" class="btn btn-
info goodsPickBtn" data-barcode="'+ row.barcode +' " data-
goodsName="'+ row.goodsName +' " data-salesPrice="'+ row.salesPrice+' " data-
businessCode="'+ row.businessCode+' " data-
businessName="'+ row.businessName+ " data-taxType="'+row.taxType+' ">선택';
    return htmlbtn2;
        }
    }
];
});

//상품 선택
$(document).on('click', '.goodsPickBtn', function(){
    console.log($(this));

```

```

barcode');
goodsName');
salesPrice');
businessCode');
businessName');
taxType');

var barcodePick = $(this).attr('data-
var goodsNamePick = $(this).attr('data-
var salesPricePick = $(this).attr('data-
var businessCodePick = $(this).attr('data-
var businessNamePick = $(this).attr('data-
var taxTypePick = $(this).attr('data-

$('#barcodeInput').val(barcodePick);
$('#goodsNameInput').val(goodsNamePick);
$('#salesPriceInput').val(salesPricePick);
$('#businessCodeInput').val(businessCodePic
k);
k);

$('#businessNameInput').val(businessNamePic
$('#taxTypeInput').val(taxTypePick);

});

//주문번호 사용여부 체크
$(document).on('click', '#orderCheckBtn', function(){
var orderCheck = $('#orderInput').val();

if(typeof orderCheck != 'undefined' && orde
rCheck != null && orderCheck != ''){
var request = $.ajax({
url: '/product_manage
ment/order/orderCheck',
method: 'POST',
data: {'order' : orde
rCheck},
dataType: 'json'
});
request.done(function(data){
if(data){
alert("이
미 사용하고 있는 주문번호입니다.");
}else{
alert("사
용 가능합니다.");
$('#addBtn
').prop('disabled', false);
checkCnt +
= 1;
}
}
}

```

```

    });
    request.fail(function(jqXHR, textStatus){
        alert("Request failed: " + textStatus);
    });
    }else{
        alert("주문번호를 입력해주세요");
        return false;
    }
    });
});
</script>
</th:block>
</html>

```

■ Controller

```

//주문관리 > 주문등록화면 (정도혜)
@GetMapping("/orderInsert")
public String orderInsert() {
    System.out.println("페이지: 주문 등록");
    System.out.println("경로: product_management/order/orderInsert(GET 방식 성공) ");
    return "product_management/order/orderInsert";
}

@PostMapping("/orderInsertAction")
public String orderInsert(HttpServletRequest request, Order order, OrderDetail orderDetail) {
    System.out.println("페이지: 주문 등록 ");
    System.out.println("경로: product_management/order/orderInsertAction(POST 방식 성공) ");
    HttpSession session = request.getSession();

    String sessionMartCode = (String) session.getAttribute("SMARTCODE");
    String sessionId = (String) session.getAttribute("SID");

    order.setMartCode(sessionMartCode);
    order.setId(sessionId);
    order.setTotalOrderPrice(orderDetail.getTotalPrice());

    System.out.println("화면에서 받은 주문 정보 : "+ order);
}

```

```

        System.out.println("화면에서 받은 주문상세 정보 : "+ orderDetail);

        int result = orderService.orderInsertAction(order);
        if(result > 0) {
            String searchOrderCode = orderService.searchOrderCode(order);
            orderDetail.setOrderCode(searchOrderCode);

            int detailResult = orderService.orderInsertAction(orderDetail);

            if(detailResult > 0) {
                return "redirect:/product_management/order/orderList";
            }else{
                return "system_management/error/error500";
            }
        }else {
            return "system_management/error/error500";
        }
    }
}

```

■ Service

```

//상품검색모달
    public List<Map<String, Object>> getGoodsList(String sessionMartCode) {
        return orderMapper.getGoodsList(sessionMartCode);
    }

//주문등록
    public int orderInsertAction(Order order) {
        return orderMapper.orderInsertAction(order);
    }
    //주문등록 후 주문코드 넘기기
    public String searchOrderCode(Order order) {
        return orderMapper.searchOrderCode(order);
    }
    //주문상세등록
    public int orderInsertAction(OrderDetail orderDetail) {
        int result = 0;
        result += orderMapper.orderDetailInsertAction(orderDetail);

        return result;
    }

    //주문번호 중복검사

```

```

public int orderCheckByorderNum(String order) {
    int result =0;
    result += orderMapper.orderCheckByorderNum(order);

    return result;
}

```

■ Mapper(SQL)

```

<insert id="orderInsertAction" parameterType="Order">
    INSERT INTO tb_order(
        businessCode
        , orderNum
        , deliveryDate
        , martCode
        , ID
        , regDate
        , totalOrderPrice
    )VALUES (
        #{businessCode}
        , #{orderNum}
        , #{deliveryDate}
        , #{martCode}
        , #{id}
        , NOW()
        , #{totalOrderPrice}
    )
</insert>

<select id="searchOrderCode" parameterType="Order" resultType="String">
    SELECT
        orderCode
    FROM
        tb_order
    WHERE
        businessCode = #{businessCode} AND orderNum
= #{orderNum} AND deliveryDate = #{deliveryDate}
        AND martCode = #{martCode} AND ID = #{id}
</select>

<insert id="orderDetailInsertAction" parameterType="OrderDetail"
>
    INSERT INTO tb_orderDetail(
        orderCode
        , barcode

```



```

), purchasePrice
), QTY
), totalPrice
), supplyPrice
), VAT
)VALUES (
#{orderCode}
, #{barcode}
, #{purchasePrice}
, #{qty}
, #{totalPrice}
, #{supplyPrice}
, #{vat}
)
</insert>

```

거래관리 > 매출 조회

매출정보조회

담당자: [검색] 판매금액: 0 원 - 0 원 1 원 판매 건수: 3 건

취소여부: 전체보기 거래일시: 연도-월-일 연도-월-일 1 원 퇴회금액: 504,400 원

영수증번호	거래일시	판매금액	담당자	상세보기	취소 여부	취소 일시
4	2022-01-21 02:17:44	0 원	최민중	[상세보기]	취소	2022-01-21 00:17:56
3	2022-01-11 20:26:05	196,000 원	최민중	[상세보기]		
2	2022-01-10 18:27:35	48,400 원	정도희	[상세보기]		
1	2022-01-06 20:26:22	260,000 원	오대성	[상세보기]		

직원검색

직원	이름	선택하기
관리자	매장관리자 계정	[선택]
메니저	최민중	[선택]
메니저	성도희	[선택]
직원	오대성	[선택]
직원	김지원	[선택]

Showing 1 to 5 of 5 entries

거래관리 > 영수증 조회

영수증

***** 스마트마트 *****

교관/원봉사 구매점에서 가능(결제카드지점)
체크카드 취소시 대금원금은 최대 7일 소요

주소: 전북 전주시 금일동 사업자번호: 123-45-6789
대표자: 최민중 매장연락처: 063-222-2222
담당직원: 최민중

No. 3 2022-01-11 20:26:05

상품명	가격	수량	합계
1 칸테슈	30,000 원	5개	150,000 원
2 칸복자	19,000 원	2개	38,000 원
3 캔마포(대)	8,000 원	17개	8,000 원

* 상품명에 *이 붙은 항목은 비과세 상품입니다

VISA Mastercard PayPal

참고사항 VAT : 17,818 원

결제금액: 196,000 원

영수증 취소하기 닫기

매출 및 영수증 조회/검색

- ☞ 매출 정보를 담당자, 판매금액, 취소여부, 거래일시, 영수증번호 검색이 가능하다.
- ☞ 담당자 검색 클릭 시 직원검색 modal 창이 보여진다. 담당자 선택 시 자동으로 담당자 정보가 입력된다.
- ☞ 월 판매건수와, 월 총매출금이 조회화면에 보여진다.
- ☞ 영수증 버튼 클릭 시 자세한 영수증 내역 확인이 가능하다.

■ Html(javascript)

```
DOCTYPE html>
<html xmlns:th="http://www.thymeleaf.org"
      xmlns:layout="http://www.ultraq.net.nz/thymeleaf/layout"
      layout:decorate="@{layout/default}">
<th:block layout:fragment="customTitle">
    <title>매입출 관리</title>
</th:block>
<th:block layout:fragment="LocationTitle">
</th:block>
<th:block layout:fragment="LocationPlace">
    <a id="main" th:href="@{/main}" class="joc-text1"><b>MAIN</b></a>
    > 거래관리 > 매출 및 영수증
</th:block>
<th:block layout:fragment="customContents">
    <div class="card card-warning">
        <div class="card-header">
            <h3 class="card-title">
                <b>매출정보조회</b>
            </h3>
        </div>
        <div class="card-body table-responsive">
            <form th:action="@{/trade_management/sales/searchSalesList}" method="post">
                <div class="tab-content row" id="custom-tabs-
two-tabContent">
                    <div class="col-10">
                        <div class="form-
group row">
                            <label class=
"col-sm-1 col-form-label">담당자</label>
                            <div class="c
ol-sm-3">
                                <div class="input-group mb-2">
                                    <input type="text" id="staffNameInput" class="form-control text-center" readonly>
```

```

        <div style="display:none">
            <label>직원 아이디</label>
            <div class="col-sm-10">
                <input type="text" class="form-control" name="id" id="staffIdInput">
            </div>
        </div>
        <div class="input-group-append">
            <button type="button" id="searchStaffBtn" class="btn btn-default" data-toggle="modal" data-target="#staffModal">
                <i class="fas fa-search"></i>
            </button>
        </div>
    </div>
</div>
</div>
<div class="col-sm-1"></div>
<label class="col-sm-1 col-form-label">판매금액</label>
<div class="col-sm-2">
    <input name="minPrice" type="number" class="form-control text-center" value=0>
</div>
<div class="col-sm-1 text-center">
    <b>~</b>
</div>
<div class="col-sm-2">
    <input name="maxPrice" type="number" class="form-control text-center" value=0>
</div>

```

```

</div>
<div class="form-
group row">
  <label class=
"col-sm-1 col-form-label">취소여부</label>
  <div class="c
ol-sm-3">
    <select name="canselCheck" class="form-control text-center">
      <option value="">전체보기</option>
      <option value="1">정상판매</option>
      <option value="2">판매취소</option>
    </select>
  </div>
<div class="c
ol-sm-1"></div>
  <label class=
"col-sm-1 col-form-label">거래일시</label>
  <div class="c
ol-sm-2">
    <input name="startDate" type="date" class="form-control text-center">
  </div>
  <div class="c
ol-sm-1 text-center">
    <b>~</b>
  </div>
  <div class="c
ol-sm-2">
    <input name="endDate" type="date" class="form-control text-center">
  </div>
</div>
<div class="form-
group row" style="margin-bottom: -10px;">
  <label class=
"col-sm-1 col-form-label">영수증 번호</label>

```

```

<div class="col-sm-3">
    <input type="number" name="receiptNum" class="form-control text-center">
</div>
<div class="col-sm-2"></div>
<div class="col-sm-2">
    <button type="submit" class="btn btn-block bg-gradient-warning btn-sm"><b>검색</b></button>
</div>
<div class="col-sm-1">
    <a href="@{/trade_management/sales/salesList}" type="button" class="btn btn-block bg-gradient-warning btn-sm">
        <i class="fas fa-redo-alt"></i>
    </a>
</div>
<div class="col-sm-2">
    <a href="@{/trade_management/sales/salesInsert}" type="button" class="btn btn-block bg-gradient-info btn-sm">
        <b>매출 등록</b>
    </a>
</div>
</div>
</div>
<div class="col-2" align="center" style="margin-bottom: -20px; margin-top: -5px;">
    <th:block th:if="{not #Lists.isEmpty(salesTotalInfo)}" th:each="L : ${salesTotalInfo}">
        <div class="info-box mb-3 bg-info">
            <span class="info-box-icon bg-teal disabled color-palette elevation-1">
                <i class="fas fa-shopping-cart"></i>

```

```

span>
div class="info-box-content">
    <span class="info-box-text"> <b class="nowMonth"></b> 월 판매 건수</span>
    <span class="info-box-number"> <b th:text="{L.salesCnt}"></b> 건</span>
div>
</div>
<div class="info-box mb-3 bg-info" style="margin-top: -10px;">
<span class="info-box-icon bg-teal elevation-1">
    <i class="fas fa-won-sign"></i>
span>
div class="info-box-content">
    <span class="info-box-text"> <b class="nowMonth"></b> 월 총매출금</span>
    <span class="info-box-number"> <b class="money" th:text="{L.salesSumPrice}"></b></span>
div>
</div>
</th:block>
</div>
</div>
</form>
</div>
</div>
<div class="col-12">
    <div class="card card-warning card-tabs">
        <div class="card-header p-0 pt-1"></div>
        <div class="card-body table-responsive p-0" style="height: 400px;">
            <div class="col-12">
                <table class="table table-hover text-center">
                    <thead>
                        <tr>

```

```

<th>영수증번호</th>
<th>거래일시</th>
<th>판매금액</th>
<th>담당자</th>
<th>상세보기</th>
<th>취소 여부</th>
<th>취소 일시</th>
</tr>
</thead>
<tbody>
<tr th:if="${not #lists.isEmpty(salesList)}" th:each="L, i : ${salesList}">
<td th:text="${L.receiptNum}"></td>
<td th:text="${L.regDate}"></td>
<td class="money" th:text="${L.salesTotalPrice}"></td>
<td th:text="${L.user.getName()}"></td>
<td>
<button type="button" class="btn btn-outline-primary btn-xs receiptBtn"
data-toggle="modal" data-
target="#receiptModal"
th:data-
salesCode="${L.salesCode}" th:data-receiptNum="${L.receiptNum}"
th:data-
regDate="${L.regDate}" th:data-staff="${L.user.getName()}" th:data-
canselCheck="${L.canselCheck}">
영수증
</button>
</td>
<td style="color: red;" th:text="${L.canselCheck}"></td>
<td th:text="${L.canselDate}"></td>

```

```

</tr>
</tbody>
</table>
</div>
</div>
</div>
</div>
<div id="print">
  <form th:action="@{/trade_management/sales/salesList}" method="post">
  >
    <div class="modal fade" id="receiptModal" tabindex="-1" role="dialog" aria-labelledby="exampleModalCenterTitle" aria-hidden="true">
      <div class="modal-dialog modal-md">
        <div class="modal-content">
          <div class="modal-
header bg-info">
            <h5 class="modal-title" id="SalesDetail">영수증</h5>
            <button type="button" class="close" data-dismiss="modal" aria-label="Close">
            <span aria-hidden="true">x</span>
          </button>
        </div>
        <div class="modal-body">
          <div class="invoice p-3 mb-3">
            <div class="invoice-info">
              <div>
                <h3 class="text-center">
                ***** <span th:text="${session.SMARTINFO.getMartName()}"></span>
                *****
              </h3>
              <div id="buySuccess" class="text-center" style="margin-bottom: 10px;">
                <div>교환/환불시 구매점에서 가능(결제카드지참)</div>
                <div>체크카드 취소 시 대금환급은 최대 7 일소요</div>
              </div>
            </div>
          </div>
        </div>
      </div>
    </div>
  </form>

```



```
<div id="buyFail" class="text-center" style="margin-bottom: 10px;">
    <div id="canselText" style="color: red;"></div>
    <div id="canselStaff" style="color: red;"></div>
</div>

<div class="row" style="margin-bottom: 20px;">
    <div class="col-12">
        <b>주소:</b><span> </span><span th:text="{session.SMARTINFO.getAddress()}"></span>
    </div>
    <div class="col-6">
        <b>대표자:</b><span> </span><span th:text="{session.SMARTINFO.getPartnerName()}"></span>
    </div>
    <div class="col-6">
        <b>사업자번호:</b><span> </span><span th:text="{session.SMARTINFO.getRegisterNum()}"></span>
    </div>
    <div class="col-6">
        <b>담당직원:</b><span> </span><span id="staffName" th:text="{session.SMARTINFO.getStaffName()}"></span>
    </div>
    <div class="col-6">
        <b>매장연락처:</b><span> </span><span th:text="{session.SMARTINFO.getCallNum()}"></span>
    </div>
</div>

<div class="row">
```



```

                <tbody id="salesDetailTable">
                </tbody>
            </table>
        </div>
        <div style="margin-top: -15px; margin-bottom: 10px;">
            <span style="color: blue; margin-left: 7px;"> ※ 상품명에 *이 붙은 항목은 비과세 상품입니다</span>
        </div>
    </div>
    <div class="row">
        <div class="col-6">
            
            
            
            <p class="text-muted well well-sm shadow-none" style="margin-top: 10px;">
                <textarea class="form-control" rows="3" placeholder="참고사항"></textarea>
            </p>
        </div>
        <div class="col-6 table-responsive" style="margin-top: 40px;">
            <table class="table">
                <tbody>
                    <tr>
                        <th>VAT : </th>
                        <td id="totalVAT"></td>
                    </tr>
                </tbody>
            </table>
        </div>
    </div>

```

```

</tr>
<tr>
<th>결제금액 :</th>
<td id="totalSumPrice"></td>
</tr>
</tbody>
</table>
</div>
div>
</div>
</div>
</div>
<div class="card-
footer">
<button type=
"button" id="canselChange" class="btn btn-outline-danger" data-toggle="modal" data-
target="#del-modal">영수증 취소하기</button>
<button type=
"button" class="btn btn-warning float-right" data-dismiss="modal" aria-
label="Close">닫기</button>
</div>
</div>
</div>
</div>
</form>
</div>
<div class="modal fade" id="del-modal" style="display: none;" aria-
hidden="true">
<div class="modal-dialog">
<div class="modal-content" >
<div class="modal-header bg-danger">
<h4 class="modal-title">경고</h4>
</div>
<div class="modal-body">
<form th:action="@{/trade_management/sales/receiptCanselAction}" method="post">

```

```
;">
                                <div style="height:100px"
                                <div>
                                <span>영수증을 취소하면 다시 되돌릴 수 없습니다.</span>
                                </div>
                                <div>
                                <span>정말 취소하시겠습니까?</span>
                                </div>
                                </div>
                                <div style="display:none"
                                <input type="text" id="sendBarcode" name="sendBarcode">
                                </div>
                                <div class="row">
                                <div class="col-2"></div>
                                <div class="col-3">
                                <button type="button" class="btn btn-secondary btn-block" data-dismiss="modal" aria-label="Close">
                                <span aria-hidden="true">취소</span>
                                </button>
                                </div>
                                <div class="col-2"></div>
                                <div class="col-3">
                                <div style="display:none;">
                                <input type="text" id="cancelTargetSalesCode" name="salesCode">
                                </div>
                                <button type="submit" id="cancelBtn" class="btn btn-danger btn-block">
                                판매취소
                                </button>
                                </div>
                                <div class="col-2"></div>
                                </div>
```



```

        </th>

        <th tabindex="0" rowspan="1" colspan="1">
                선택하기
        </th>
    </tr>
</thead>
table>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</th:block>
<th:block layout:fragment="customJs">
    <script type="text/javascript">
        //제이쿼리
        $(function(){
            //영수증 버튼 클릭시 이벤트
            $(document).on('click', '.receiptBtn', function(){
                var salesCode = $(this).attr('data-
salesCode');
                var receiptNum = $(this).attr('data-
receiptNum');
                var regDate = $(this).attr('data-regDate');
                var staff = $(this).attr('data-staff');
                var cancelCheck = $(this).attr('data-
cancelCheck');

                $('#receiptNumber').text(receiptNum);
                $('#salesDate').text(regDate);
                $('#staffName').text(staff);
                $('#cancelTargetSalesCode').val(salesCode);
                if(cancelCheck == '취소'){
                    $('#cancelChange').hide();
                }else{
                    $('#cancelChange').show();
                }
            });
            //판매정보 가져오기
            var request = $.ajax({

```

```

DetailInfo',
url: '/trade_management/sales/sales',
method: 'POST',
data: {'salesCode' : salesCode},
dataType: 'json'
});
request.done(function(data){
//판매정보 넣기
var salesDetailTable = $('#salesDetailTable');

var totalSumPrice = 0;
var totalVAT = 0;

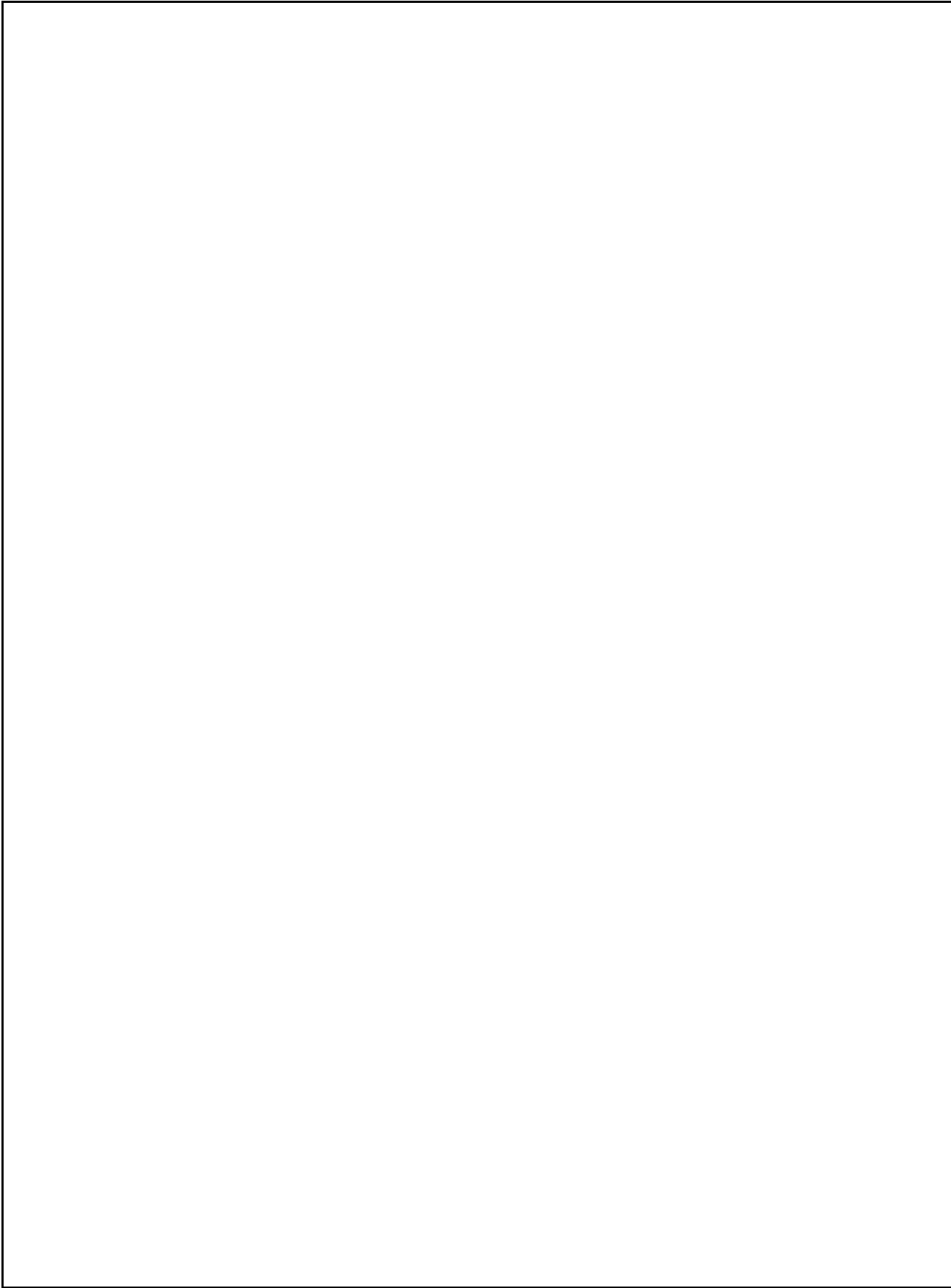
//초기화
$('#buySuccess').show();
$('#buyFail').hide();
salesDetailTable.empty();
//값 담기
for(var i=0; i<data.length; i++){
    if(data[i].goods.taxType == '과세'){
        salesDetailTable.append("
" + (i+1) + "
" + (i+1) + "

```







■ Controller

```
//매출관리 > 매출전체조회 (정도혜)
@GetMapping("/salesList")
public String salesList(HttpServletRequest request, Model model)
{
    System.out.println("페이지: 매출 조회");
    System.out.println("경로: trade_management/sales/sales
List(GET 방식 성공) ");
    HttpSession session = request.getSession();
    String sessionMartCode = (String) session.getAttribute("SMARTCODE");

    List<Map<String, Object>> salesTotalInfo = salesService.getSalesTotalInfo(sessionMartCode);
    model.addAttribute("salesTotalInfo", salesTotalInfo);

    List salesList = salesService.getSalesList(sessionMartCode);
    model.addAttribute("salesList", salesList);

    return "trade_management/sales/salesList";
}

@GetMapping("/purchaseList1")
public String purchaseList1() {
    System.out.println("페이지: 매출 조회");
    System.out.println("경로: trade_management/sales/purchaseList1(GET 방식 성공) ");

    return "trade_management/sales/purchaseList1";
}
```

```

//매출관리 > 조건검색 (정도해)
@PostMapping("/salesList")
public String getSearchBusinessList(
    @RequestParam(value="searchKey", required
= false) String searchKey
    ,@RequestParam(value="searchValue", require
d = false) String searchValue
    ,@RequestParam(value="startDt", required =
false) String startDt
    ,@RequestParam(value="endDt", required = fa
lse) String endDt
    ,@RequestParam(value="searchCancell", requi
red = false) String searchCancell
    ,Model model) {
    System.out.println(searchKey);
    System.out.println(searchValue);
    System.out.println(searchCancell);

    if(searchKey != null && "receiptNum".equals(searchKey
)) {
        searchKey = "receiptNum";
    }else if(searchKey != null && "salesTotalPrice".equal
s(searchKey)) {
        searchKey = "salesTotalPrice";
    }else {
        searchKey = "casnseStaff";
    }
    // 검색키 검색어를 통해서 회원목록 조회
    List salesList = salesService.getSalesListBySearchKey
(searchKey, searchValue, startDt, endDt);

    // 조회된 회원목록 model 에 값을 저장
    model.addAttribute("title", "거래처목록조회");
    model.addAttribute("salesList", salesList);

    return "product_management/order/orderList";
}

```

■ Service

```

//매출 전체조회
public List getSalesList(String martCode){
    return salesMapper.getSalesList(martCode);
}

//매출 조건 검색
public List getSalesListBySearchKey(String searchKey, String sea
rchValue, String startDt, String endDt) {
    return salesMapper.getSalesListBySearchKey(searchKey,
searchValue, startDt, endDt);
}

```

```

    }
    @PostMapping("/receiptCancelAction")
    public String receiptCancelAction(@RequestParam(value="salesCode", required=false) String salesCode, HttpServletRequest request) {
        System.out.println("페이지: 영수증취소");
        System.out.println("경로: trade_management/sales/receiptCancelAction(POST 방식 성공) ");
        HttpSession session = request.getSession();
        String sessionId = (String) session.getAttribute("SID");

        salesService.receiptCancelAction(sessionId, salesCode);

        return "redirect:/trade_management/sales/salesList";
    }

    //판매취소 정보
    @PostMapping("/salesCancelInfo")
    @ResponseBody
    public Sales salesCancelInfo(@RequestParam(value="salesCode", required=false) String salesCode){
        System.out.println("페이지: 영수증 상세");
        System.out.println("경로: trade_management/sales/salesCancelInfo(POST 방식 성공) ");

        Sales result = salesService.getSalesCancelInfo(salesCode);

        return result;
    }

    //판매정보 상세(영수증)
    @PostMapping("/salesDetailInfo")
    @ResponseBody
    public List salesDetailInfo(@RequestParam(value="salesCode", required=false) String salesCode){
        System.out.println("페이지: 영수증 상세");
        System.out.println("경로: trade_management/sales/salesDetailInfo(POST 방식 성공) ");

        List result = salesService.getSalesDetailList(salesCode);

        return result;
    }
}

```

■ Mapper(SQL)

```
<select id="getSalesList" resultType="Sales" resultMap="salesResultMap">
    SELECT
        s.salesCode, s.receiptNum, s.salesTotalPrice, s.regDate, s.canselCheck, s.canselStaff, s.canselDate,
        s.martCode,
        s.ID, u.name
    FROM
        tb_sales AS s
        INNER join
        tb_user AS u
        on
        s.ID = u.ID
    WHERE
        s.martCode = #{martCode}
    ORDER BY
        s.regDate DESC
</select>

<select id="getSalesTotalInfo" resultType="Map">
    SELECT
        SUM(salesTotalPrice) AS salesSumPrice,
        COUNT(*) AS salesCnt
    FROM
        tb_sales
    WHERE
        martCode = #{martCode} AND MONTH(regDate) =
        MONTH(NOW()) AND canselCheck != '취소'
</select>

<select id="getSearchSalesList" resultType="Sales" resultMap="salesResultMap">
    SELECT
        s.salesCode, s.receiptNum, s.salesTotalPrice, s.regDate, s.canselCheck, s.canselStaff, s.canselDate,
        s.martCode,
        s.ID, u.name
    FROM
        tb_sales AS s
        INNER join
        tb_user AS u
        on
        s.ID = u.ID
    WHERE
        s.martCode = #{martCode}
        <if test="startDate != null and startDate != ''" >
            AND regDate >= #{startDate}
        </if>
    ORDER BY
        s.regDate DESC
</select>
= ''.toString()>
```



```

                AND s.regDate >= #{startDate}
            </if>
            <if test="endDate != null and endDate != ''
.toString()">
                AND #{endDate} >= s.regDate
            </if>
            <if test="id != null and id != ''
.toString()">
                AND s.ID = #{id}
            </if>
            <if test="minPrice != null and minPrice !=
.toString() and minPrice != 0">
                AND s.salesTotalPrice >= #{minPr
ice}
            </if>
            <if test="maxPrice != null and maxPrice !=
.toString() and maxPrice != 0">
                AND #{maxPrice} >= s.salesTotalP
rice
            </if>
            <if test="receiptNum != null and receiptNum
!= ''
.toString()">
                AND #{maxPrice} >= s.salesTotalP
rice
            </if>
            <if test="canselCheck != null and canselChe
ck != ''
.toString() and canselCheck == 1">
                AND s.canselCheck != '취소'
            </if>
            <if test="canselCheck != null and canselChe
ck != ''
.toString() and canselCheck == 2">
                AND s.canselCheck = '취소'
            </if>
            ORDER BY
                s.regDate DESC
        </select>

        <select id="getsalesDetailList" resultType="Sales">
        SELECT
            g.goodsName,
            g.salesPrice,
            s.QTY,
            s.totalPrice
        FROM
            tb_salesDetail AS s
        INNER JOIN
            tb_goods AS g
        ON
            s.barcode = g.barcode
        </select>

```

```

<select id="receiptCancelAction">
    UPDATE
        tb_sales
    SET
        cancelCheck = '취소'
        , cancelStaff = #{id}
        , cancelDate = NOW()
    WHERE
        salesCode = #{salesCode}
</select>

<select id="getSalesCancelInfo" resultType="Sales" resultMap="sa
LesResultMap">
    SELECT
        u.name, s.cancelCheck, s.cancelDate
    FROM
        tb_sales AS s
        INNER join
        tb_user AS u
        ON
        s.cancelStaff = u.ID
    WHERE
        s.salesCode = #{salesCode}
</select>

<select id="getSalesDetailList" resultType="SalesDetail" resultM
ap="salesDetailResultMap">
    SELECT
        g.goodsName, g.salesPrice, g.taxType
        , d.QTY, d.totalPrice, d.supplyPrice, d.VAT
    FROM
        tb_salesDetail AS d
        INNER join
        tb_goods AS g
        ON
        d.barcode = g.barcode
    WHERE
        d.salesCode = #{salesCode}
</select>

```

거래관리 > 매출등록

상품 검색

바코드	상품명	매입처명	상품가격	선택해기
8815348546123	대구	다가수산	20000	선택
8842766127428	김태기삼	민수축산	0	선택
8134920342924	무배달날	민수축산	0	선택
8134955722905	질갈	농업회사법인안	1000	선택
818002134066	만다라(다)	한민농가	8000	선택

Showing 1 to 5 of 21 entries Previous 1 2 3 4 5 Next

매출등록

» 상품 / 상품 검색

대구

» 바코드

8815348546123

» 유형

과세

» 매입처명

다가수산

» 판매가

20000

» 수량

10

» 공급가액

181,818원

» 부가세

18,182원

» 합계

200000

등록 닫기

매출등록

- ☞ 상품검색 버튼 클릭시 상품정보가 담긴 모달창이 보여진다. 상품 선택시 상품명, 상품 유형,매입처명이 자동으로 등록된다.
- ☞ 수량 입력 시 공급가액,부가세,합계가 자동계산된다.

■ Html(javascript)

```

DOCTYPE html>
<html xmlns:th="http://www.thymeleaf.org"
  xmlns:layout="http://www.ultraq.net.nz/thymeleaf/layout"
  layout:decorate="@{layout/default}">

<th:block layout:fragment="customTitle">
  <title>매출관리</title>
</th:block>
<th:block layout:fragment="LocationTitle">
</th:block>
<th:block layout:fragment="LocationPlace">
  <a id="main" th:href="@{/main}" class="joc-text1">MAIN</a>
  > 거래관리 > 매출등록
</th:block>

```

```

<th:block layout:fragment="customContents">

    <div class="col-md-7 mx-auto">
    <div class="card card-warning card-tabs">
        <div class="card-header">
            <h3 class="card-title">
                <b><i class="fas fa-coins"></i> 매출 등록</b>
            </h3>
        </div>

        <form th:action="@{/trade_management/sales/salesInsertAction}" method="POST" id="salesInsertAction" class="form-horizontal">
            <div class="card-body">

                <div class="form-group">
                    <label for="exampleInputBorderWidth2"><i class="fas fa-angle-double-right"></i> 상품 / </label>
                    <button type="button" id="searchGoodsBtn" class="btn-sm bg-info disabled color-palette" data-toggle="modal" data-target="#modal-default2">
                        <b>상품 검색</b>
                    </button>
                    <div class="input-group-append">
                        <input type="text" class="form-control form-control-border border-warning" id="goodsNameInput" name="goodsName" readonly="readonly">
                    </div>
                </div>

                <div class="form-group">
                    <label for="exampleInputBorderWidth2"><i class="fas fa-angle-double-right"></i> 바코드</label>
                    <input type="text" class="form-control form-control-border border-warning" id="barcodeInput" name="barcode" readonly="readonly">
                </div>

                <div class="form-group">
                    <label for="exampleInputBorderWidth2"><i class="fas fa-angle-double-right"></i> 유형</label>
                    <input type="text" class="form-control form-control-border border-warning" id="taxTypeInput" name="taxType" readonly="readonly">
                </div>

                <div class="form-group">
                    <label for="exampleInputBorderWidth2"><i class="fas fa-angle-double-right"></i> 매입처명</label>
                    <input type="text" class="form-control form-control-border border-warning" id="businessNameInput" name="businessName" readonly="readonly">
                </div>
            </div>
        </form>
    </div>
</th:block>

```

```

        <div class="form-group" style="display: none;">
            <label for="exampleInputBorderWidth2"><i class="fas fa-angle-
double-right"></i> 매입처코드</label>
            <input type="text" class="form-control form-control-
border border-
warning" id="businessCodeInput" name="businessCode" readonly="readonly">
        </div>

        <div class="form-group">
            <label for="exampleInputBorderWidth2"><i class="fas fa-angle-
double-right"></i> 판매가</label>
            <input type="text" class="form-control form-control-
border border-
warning" id="salesPriceInput" name="salesPrice" readonly="readonly">
        </div>

        <div class="form-group">
            <label for="exampleInputBorderWidth2"><i class="fas fa-angle-
double-right"></i> 수량</label>
            <input type="number" class="form-control form-control-
border border-warning" id="qtyInput" name="QTY" >
        </div>

        <div class="form-group">
            <label for="exampleInputBorderWidth2"><i class="fas fa-angle-
double-right"></i> 공급가액</label>
            <input type="text" class="form-control form-control-
border border-warning" id="supplyPriceInput" name="supplyPrice">
        </div>

        <div class="form-group">
            <label for="exampleInputBorderWidth2"><i class="fas fa-angle-
double-right"></i> 부가세</label>
            <input type="text" class="form-control form-control-
border border-warning" id="vatInput" name="VAT">
        </div>

        <div class="form-group">
            <label for="exampleInputBorderWidth2"><i class="fas fa-angle-
double-right"></i> 합계</label>
            <input type="text" class="form-control form-control-
border border-warning" id="totalpricesInput" name="salesTotalPrice">
        </div>

        <div style="display:none">
                                                    <input type="text" name="id
" th:value="{session.SID}" readonly>

```

```

<input type="text" name="ma
rtCode" th:value="\${session.SMARTCODE}" readonly>
</div>
</div>
<div class="d-flex justify-content-
center" style="margin: 0cm 0cm 1cm 11.5cm">
<button type="submit" style="margin-
left: 5px" class="btn btn-warning">
<b>등록</b>
</button>
<a th:href="@{/trade_management/sales/salesList}" style="m
argin-left: 15px" class="btn btn-danger">
<b>닫기</b>
</a>
</div>
</form>
</div>
</div>
<form th:action="@{/product_management/sales/salesInsertAction}" method="POST" id
="salesInsertForm" class="form-horizontal">
<div class="modal content" id="modal-default2" style="display: none;" aria-
hidden="true">
<div class="modal-dialog modal-lg">
<div class="modal-content">
<div class="modal-header bg-warning">
<h4 class="modal-
title"><b>상품 검색</b></h4>
<button type="button" class="close" da
ta-dismiss="modal" aria-label="Close">
<span aria-
hidden="true">x</span>
</button>
</div>
<div class="modal-body mx-auto">
<div id="example2_wrapper" class="data
Tables_wrapper dt-bootstrap4">
<div class="col-
sm-15">
<table
e style="width:100%" id="dataTableAjax2" class="text-center table table-
bordered dataTable dtr-inline"
role="grid" aria-
describedby="example2_info">
<thead>
<tr style="width:100%" role="row">

```

```
        <th class="sorting sorting_asc" tabindex="0"
" aria-controls="example2" style="t" rowspan="1" colspan="1"
                aria-
label="Browser: activate to sort column descending" aria-sort="ascending">
                바코드
        </th>

        <th class="sorting sorting_asc" tabindex="0"
" aria-controls="example2" rowspan="1" colspan="1"
                aria-
sort="ascending" aria-
label="Rendering engine: activate to sort column descending">
                상품명
        </th>

        <th class="sorting sorting_asc" tabindex="0"
" aria-controls="example2" rowspan="1" colspan="1"
                aria-
label="Browser: activate to sort column descending" aria-sort="ascending">
                매입처명
        </th>

        <th class="sorting sorting_asc" tabindex="0"
" aria-controls="example2" rowspan="1" colspan="1"
                aria-
label="Browser: activate to sort column descending" aria-sort="ascending">
                상품가격
        </th>

        <th tabindex="0" rowspan="1" colspan="1">
                선택하기
        </th>

    </tr>

</thead>
```

```

        </table>
    </div>
>
    </div>
    </div>
    </div>
    </div>
    </div>
</form>
</th:block>
<th:block layout:fragment="customJs">
    <script>

        //상품리스트 조회 Ajax
        $(function(){

            //상품가격 자동등록
            $('#qtyInput').keyup(function(){
                var salesPriceInput = Number($('#sales
PriceInput').val());
                var qtyInput = Number($('#qtyInput').v
al());
                var totalpricesInput = $('#totalprices
Input');
                var supplyPriceInput = $('#supplyPrice
Input');
                var vatInput = $('#vatInput');
                var taxTypeInput = $('#taxTypeInput').
val();

                //총가격
                totalpricesInput.val(salesPriceInput*q
tyInput);

                //부가세구하기
                if(taxTypeInput == '과세'){
                    var supplyPrice = Math.round
d(Number(totalpricesInput.val()) / 11 * 10);
                    var vat = Math.round(Number
(totalpricesInput.val()) / 11);
                    supplyPriceInput.val(supply
Price.toString().replace(/\B(?",")+ "원");
                    vatInput.val(vat.toString()
.replace(/\B(?",")+ "원");
                }else {
                    supplyPriceInput.val(Number
(totalpricesInput.val()).toString().replace(/\B(?",")+ "원");

```



```

    }

    });

    // 상품목록 ajax
    $(document).on('click', '#searchGoodsBtn', function(){

        var aLengthMenuArray = [];
        aLengthMenuArray.push([5,10]);
        aLengthMenuArray.push([5,10]);

        $('#dataTableAjax2').DataTable({
            destroy: true,
            pageLength: 5,
            aLengthMenu: aLengthMenuArray,

            ajax: {
                url: '/trade_management/sales/searchGoodsModal',
                type: 'POST',
                dataSrc: function(data){
                    console.log(JSON.stringify(data));
                    return data;
                }
            },
            columns: [
                { data: "barcode"},
                { data: "goodsName"},
                { data: "businessName"},
                { data: "salesPrice"},

            ],
            columnDefs: [
                {
                    target: 0,
                    orderable: false,
                    searchable: false,
                    render: function(data, type, row){
                        var htmlbtn2 = '<button type="button" data-dismiss="modal" class="btn btn-info goodsPickBtn" data-barcode="' + row.barcode + '" data-

```

```

goodsName="'+ row.goodsName +' " data-salesPrice="'+ row.salesPrice+' " data-
businessCode="'+ row.businessCode+' " data-
businessName="'+ row.businessName+ ' " data-taxType="'+row.taxType+' ">선택';

    return htmlbtn2;
}
}
];
});
});

//상품 선택
$(document).on('click', '.goodsPickBtn', function() {
    console.log($(this));
    var barcodePick = $(this).attr('data-
barcode');
    var goodsNamePick = $(this).attr('data-
-goodsName');
    var salesPricePick = $(this).attr('dat
a-salesPrice');
    var businessCodePick = $(this).attr('d
ata-businessCode');
    var businessNamePick = $(this).attr('d
ata-businessName');
    var taxTypePick = $(this).attr('data-
taxType');

    $('#barcodeInput').val(barcodePick);
    $('#goodsNameInput').val(goodsNamePick);
    $('#salesPriceInput').val(salesPricePi
ck);
    $('#businessCodeInput').val(businessCo
dePick);
    $('#businessNameInput').val(businessNa
mePick);
    $('#taxTypeInput').val(taxTypePick);
});
});
</script>
</th:block>
</html>

```

■ Controller

```

//매출관리 > 매출등록 (정도혜)
@GetMapping("/salesInsert")
public String salesInsert() {
    System.out.println("페이지: 매출 등록");
    System.out.println("경로: trade_management/sales/sales
Insert(GET 방식 성공) ");

    return "trade_management/sales/salesInsert";
}

@PostMapping("/salesInsert")
public String salesInsert(Sales sales) {
    System.out.println("페이지: 매출등록");
    System.out.println("경로: trade_management/sales/sales
Insert(POST 방식 성공) ");
    System.out.println("화면에서 받은 매출 정보: " + sales)
;

    salesService.salesInsert(sales);

    return "redirect:/trade_management/sales/salesList";
}

```

■ Service

```

//매출등록
public int addsalesAction(Sales sales) {
    return salesMapper.addsalesAction(sales);
}

```

■ Mapper(SQL)

```

<insert id="addsalesAction" parameterType="Sales">
INSERT INTO tb_sales(
    receiptNum,
    salesTotalPrice,
    martCode,
    ID,
    regDate,
    cancelCheck,
    cancelStaff,
    cancelDate
)VALUES (
    #{receiptNum},
    #{salesTotalPrice},
    #{martCode},

```

```

#{ID},
NOW(),
#{canselCheck},
#{canselStaff},
NOW()
);

```

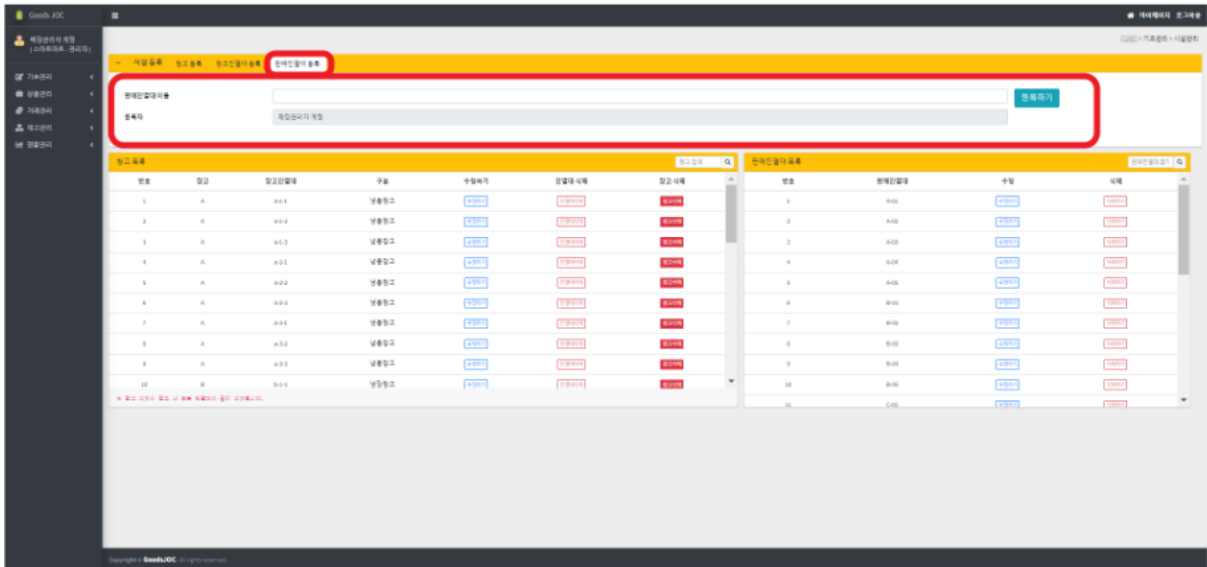
</insert>

시설관리(참고)

The image displays two screenshots of a web application interface for facility management, specifically focusing on attendance management. The interface is in Korean and features a dark sidebar on the left with navigation options like '기초관리', '인원관리', '시설관리', '계약관리', and '보통관리'. The main content area is divided into several sections:

- Header:** Includes '기초관리', '인원관리', and '시설관리' tabs. The '시설관리' tab is active, and the '입근출근' (Attendance) sub-tab is selected.
- Search Form:** A form with fields for '입근출근' (Attendance), '입근출근' (Attendance), and '입근출근' (Attendance). A '검색하기' (Search) button is located to the right.
- Data Tables:** Two tables are displayed below the search form. The left table is titled '입근출근' and the right table is titled '입근출근'. Both tables have columns for '번호' (No.), '성명' (Name), '입근출근' (Attendance), '구분' (Category), '수정하기' (Edit), '입근출근' (Attendance), and '입근출근' (Attendance).

The bottom screenshot is identical to the top one, showing the same interface elements and data tables.



시설관리(참고, 참고진열대, 판매진열대)

- 매장에서 사용하는 참고를 등록 및 조회, 수정과 삭제가 가능하다.
- 입력 정보에 맞춰 입력 시 참고가 등록 된다.

■ Html(javascript)

```

DOCTYPE html>
<html xmlns:th="http://www.thymeleaf.org"
      xmlns:layout="http://www.ultraq.net.nz/thymeleaf/Layout"
      layout:decorate="@{/layout/default}">

<th:block layout:fragment="customTitle">
  <title>시설 조회</title>
</th:block>
<th:block layout:fragment="LocationPlace">
  <a id="main" th:href="@{/main}" class="joc-
text1"><b>MAIN</b></a>
  > 기초관리 > 시설관리
</th:block>

<th:block layout:fragment="customContents">
<div>
  <div class="card card-warning card-tabs">
    <div class="card-header p-0 pt-1">
      <ul class="nav nav-tabs" id="custom-tabs-two-
tab" role="tablist">
        <li class="nav-item"><a class="nav-link active" href="#>시설관리</a></li>
        <li class="nav-item"><a class="nav-link" href="#>기초관리</a></li>
      </ul>
    </div>
    <div class="card-body">
      <div class="card-tools">
        <button type="button" class
="btn btn-tool" data-card-widget="collapse">

```

```

<i class="fas fa
-minus"></i>
</button>
</div>
<li class="pt-2 px-3">
<h3 class="card-
title"><b>시설 등록</b></h3>
</li>
<li class="nav-item">
<a class="nav-
Link active" id="custom-tabs-two-home-tab" href="#custom-tabs-two-home"
data-toggle="pill" role="tab" aria-controls="custom-
tabs-two-home" aria-selected="true">
참고 등록
</a>
</li>
<li class="nav-item">
<a class="nav-
Link" id="custom-tabs-two-profile-tab" href="#custom-tabs-two-profile"
data-toggle="pill" role="tab" aria-controls="custom-
tabs-two-profile" aria-selected="false">
참고진열대 등록
</a>
</li>
<li class="nav-
Link" id="custom-tabs-two-messages-tab" href="#custom-tabs-two-messages"
data-toggle="pill" role="tab" aria-controls="custom-
tabs-two-messages" aria-selected="false">
판매진열대 등록
</a>
</li>
</ul>
</div>
<div class="card-body">
<div class="tab-content" id="custom-tabs-two-
tabContent">
<div class="tab-
pane fade active show" id="custom-tabs-two-home" role="tabpanel" aria-
labelledby="custom-tabs-two-home-tab">
<form class="form-
horizontal" th:action="@{/basic_management/facility/warehouseInsert}" method="pos
t">
<div class="card
-body row">
<div
class="col-10">

```

```
<div class="form-group row">

    <label for="warehouseName" class="col-sm-2 col-form-
Label">창고명</label>

    <div class="col-sm-10">

        <input type="text" class="form-
control insertWarehouse" name="warehouseName">

    </div>

</div>

<div class="form-group row">

    <label for="warehouseType" class="col-sm-2 col-form-
Label">창고분류</label>

    <div class="col-sm-10">

        <input type="text" class="form-
control insertWarehouse" name="warehouseType">

    </div>

</div>

<div class="form-group row">

    <label for="warehouseType" class="col-sm-2 col-form-
Label">등록자</label>

    <div class="col-sm-10">

        <input type="text" class="form-
control" th:value="${session.SNAME}" readonly="readonly">

    </div>

</div>

<div class="form-group row" style="display:none">

    <label for="warehouseType" class="col-sm-2 col-form-
Label">아이디</label>

    <div class="col-sm-10">
```



```

                <select class="form-
control" name="warehouseCode">
                    <th:block th:if="{not #lists.is
Empty(warehouseNameList)}" th:each="w : {warehouseNameList}" class="form-
control">
                        <option th:value="{w
.warehouseCode}" th:text="{w.warehouseName}"></option>
                    </th:block>
                </select>
            </div>
        </div>
        <div class="form-group row">
            <label for="showcaseName" class="col-sm-2 col-form-
Label">진열대 이름</label>
            <div class="col-sm-10">
                <input type="text" class="form-
control" name="shelfName">
            </div>
        </div>
        <div class="form-group row" style="display:none">
            <label for="warehouseType" class="col-sm-2 col-form-
Label"></label>
            <div class="col-sm-10">
                <input type="text" class="form-
control" name="id" th:value="{session.SID}" readonly="readonly">
            </div>
        </div>
        <div class="form-group row">

```

```

                <label for="warehouseType" class="col-sm-2 col-form-
Label"></label>

                <div class="col-sm-10">

                    <input type="text" class="form-
control" th:value="{session.SNAME}" readonly="readonly">

                </div>

            </div>

            <div class="form-group row" style="display:none">

                <label for="warehouseType" class="col-sm-2 col-form-
Label">마트</label>

                <div class="col-sm-10">

                    <input type="text" class="form-
control" name="martCode" th:value="{session.SMARTCODE}" readonly="readonly">

                </div>

            </div>
        </div>
    </div>
</div>
<div
class="col-2">
    <button type="submit" class="btn btn-info btn-lg">등록하기</button>
</div>
</div>
</form>
</div>

    <div class="tab-pane fade" id="custom-
tabs-two-messages" role="tabpanel" aria-labelledby="custom-tabs-two-messages-
tab">
        <form class="form-
horizontal" th:action="@{/basic_management/facility/showcaseInsert}" method="post
">
            <div class="card
-body row">
                <div
class="col-10">

```

```

    <div class="form-group row">

        <label for="martShowcaseName" class="col-sm-2 col-form-
Label">판매진열대 이름</label>

        <div class="col-sm-10">

            <input type="text" class="form-
control" name="showcasePlace">

        </div>

    </div>

    <div class="form-group row" style="display:none">

        <label for="warehouseType" class="col-sm-2 col-form-
Label"></label>

        <div class="col-sm-10">

            <input type="text" class="form-
control" name="id" th:value="{session.SID}" readonly="readonly">

        </div>

    </div>

    <div class="form-group row">

        <label for="warehouseType" class="col-sm-2 col-form-
Label">등록자</label>

        <div class="col-sm-10">

            <input type="text" class="form-
control" th:value="{session.SNAME}" readonly="readonly">

        </div>

    </div>

    <div class="form-group row" style="display:none">

        <label for="warehouseType" class="col-sm-2 col-form-
Label">마트</label>

        <div class="col-sm-10">

```

```

                <input type="text" class="form-
control" name="martCode" th:value="${session.SMARTCODE}" readonly="readonly">
            </div>
        </div>
    </div>
</div>
<div
class="col-2">
    <button type="submit" class="btn btn-info btn-lg">등록하기</button>
</div>
</div>
</form>
</div>
</div>
</div>
</div>
<div class="row">
    <div class="row col-7">
        <div class="col-12">
            <div class="card card-warning">
                <div class="card-header">
                    <h3 class="card-
title">참고 목록</h3>
                </div>
                <div class="card
-tools">
                    <form th:action="@{/basic_management/facility/searchWarehouse}" method="pos
t">
                        <div
class="input-group input-group-sm" style="width: 150px;">
                            <input type="text" name="searchWarehouse"
                                class="form-control float-
right" placeholder="참고 검색">
                            <div class="input-group-append">
                                <button type="submit" class="btn btn-default">
                                    <i class="fas fa-search"></i>
                                </button>

```

```

        </div>
    </div>
>
m>
    </div>
    </div>
    <div class="card-
body table-responsive p-0" style="height: 552px;">
    <table class="ta
ble table-head-fixed text-nowrap text-center">
    <thead>
    <tr>
        <th>번호</th>
        <th>창고</th>
        <th>창고진열대</th>
        <th>구분</th>
        <th>수정하기</th>
        <th>진열대 삭제</th>
        <th>창고 삭제</th>
    </tr>
    </thead>
    <tbody>
    <tr th:if="{not #lists.isEmpty(warehouseList)}" th:each="L, i : {warehouse
eList}">
        <td th:text="{i.index + 1}"></td>
        <td th:text="{L.warehouse.getWarehouseName()}"> </td>
        <td th:text="{L.shelfName}"></td>
        <td th:text="{L.warehouse.getWarehouseType()}"></td>

```

```

                <td>
                    <button type="button" class="btn btn-outline-
primary btn-xs">수정하기</button>
                </td>
                <td>
                    <button type="button" class="btn btn-outline-
danger btn-xs">진열대삭제</button>
                </td>
                <td>
                    <button type="button" class="btn btn-danger btn-
xs">창고삭제</button>
                </td>
            </tr>
        </tbody>
    </table>
</div>
<div class="card-footer">
    <code>※ 창고 삭
제시 창고 내 모든 진열대가 같이 삭제됩니다.</code>
</div>
</div>
</div>
<div class="row col-5">
    <div class="col-12">
        <div class="card card-warning">
            <div class="card-header">
                <h3 class="card-
title">판매진열대 목록</h3>
            </div>
            <div class="card
-tools">
                <form
th:action="@{/basic_management/facility/searchShowcase}" method="post">
                    <div
class="input-group input-group-sm" style="width: 150px;">

```

```

        <input type="text" name="searchShowcase"
            class="form-control float-
right" placeholder="판매진열대 찾기">

        <div class="input-group-append">

            <button type="submit" class="btn btn-default">

                <i class="fas fa-search"></i>

            </button>

        </div>
    </div>
</div>
</form>
</div>
</div>
<div class="card-
body table-responsive p-0" style="height: 600px;">
    <table class="ta
ble table-head-fixed text-nowrap text-center">
        <thead>
            <tr>
                <th>번호</th>
                <th>판매진열대</th>
                <th>수정</th>
                <th>삭제</th>
            </tr>
        </thead>
        <tbody>
            <tr th:if="{not #lists.isEmpty(showcaseList)}" th:each="l, i : {showcaseL
ist}" >
                <td th:text="{i.index+1}"></td>

```

```

        <td th:text="\${L.showcasePlace}"></td>

        <td>

                <button type="button" class="btn btn-outline-
primary btn-xs">수정하기</button>

        </td>

        <td>

                <button type="button" class="btn btn-outline-
danger btn-xs">삭제하기</button>

        </td>

</tr>

</tbody>

</table>

</div>

</div>

</div>

</div>

</div>

</th:block>

<th:block layout:fragment="customJs">
    <script>
        \$(function(){
            //창고등록버튼 클릭시
            \$(document).on('click', '#warehouseInsertBtn', fu
function(){
                var insertWarehouse = $('#insertWareho
use');

                console.log(insertWarehouse);
                for(var i=0; i<insertWarehouse.length;
i++){
                    console.log(insertWarehouse
.val());
                }
                alert('등록완료');
            });
        });
    </script>

```



```
</th:block>
```

```
</html>
```

■ Controller

```
package k5.goodsjoc.controller;

import java.util.List;

import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpSession;

import org.springframework.stereotype.Controller;
import org.springframework.ui.Model;
import org.springframework.web.bind.annotation.GetMapping;
import org.springframework.web.bind.annotation.PostMapping;
import org.springframework.web.bind.annotation.RequestMapping;
import org.springframework.web.bind.annotation.RequestParam;

import k5.goodsjoc.dto.Shelf;
import k5.goodsjoc.dto.Showcase;
import k5.goodsjoc.dto.Warehouse;
import k5.goodsjoc.service.FacilityService;

@Controller
@RequestMapping(value = "/basic_management/facility")
public class FacilityController {

    private FacilityService facilityService;

    public FacilityController(FacilityService facilityService) {
        this.facilityService = facilityService;
    }

    //창고 등록
    @PostMapping("/warehouseInsert")
    public String warehouseInsert(Warehouse warehouse) {
        System.out.println("페이지: 창고등록 처리");
        System.out.println("경로: basic_management/facility/warehouseInsert (Post 방식 성공) ");
        System.out.println("화면에서 받은 창고 정보 : "+ warehouse);
    }
}
```

```

        facilityService.warehouseInsert(warehouse);

        return "redirect:/basic_management/facility/facilityList";
    }

    @PostMapping("/shelfInsert")
    public String shelfInsert(Shelf shelf) {
        System.out.println("페이지: 창고진열대 등록 처리");
        System.out.println("경로: basic_management/facility/shelfInsert (Post 방식 성공) ");
        System.out.println("화면에서 받은 창고 진열대 정보 : "+ shelf);
        facilityService.shelfInsert(shelf);

        return "redirect:/basic_management/facility/facilityList";
    }

    @PostMapping("/showcaseInsert")
    public String showcaseInsert(Showcase showcase) {
        System.out.println("페이지: 판매진열대 등록 처리");
        System.out.println("경로: basic_management/facility/showcaseInsert (Post 방식 성공) ");
        System.out.println("화면에서 받은 판매 진열대 정보 : "+ showcase);

        facilityService.showcaseInsert(showcase);

        return "redirect:/basic_management/facility/facilityList";
    }

    //창고 및 창고진열대, 구분 검색(오대성)
    @PostMapping("/searchWarehouse")
    public String searchWarehouse(HttpServletRequest request, Model model,

```

```

        @RequestParam(value="searchWarehouse", required=false)
String searchWarehouse) {

        System.out.println("화면에서 받은 창고 조건 입력값 : " + search
Warehouse);

        HttpSession session = request.getSession();
        String sessionMartCode = (String) session.getAttribute("SMA
RTCODE");

        List warehouseList = facilityService.getSearchWarehouseList
(searchWarehouse, sessionMartCode);
        model.addAttribute("warehouseList", warehouseList);
        System.out.println("model 에 담긴 warehouseList: " + warehous
eList);

        List warehouseNameList= facilityService.getWarehouseListByM
artCode(sessionMartCode);
        model.addAttribute("warehouseNameList", warehouseNameList);
        System.out.println("model 에 담긴 warehouseNameList: " + ware
houseNameList);

        List showcaseList = facilityService.getShowcaseList(session
MartCode);
        model.addAttribute("showcaseList", showcaseList);
        System.out.println("model 에 담긴 showcaseList: " + showcaseL
ist);

        return "basic_management/facility/facilityList";
    }

    //판매진열대 검색 (오대성)
    @PostMapping("/searchShowcase")
    public String searchShowcase(HttpServletRequest request, Model m
odel,

        @RequestParam(value="searchShowcase", required=false)S
tring searchShowcase) {

        System.out.println("화면에서 받은 판매진열대 조건 입력값 : " + s
earchShowcase);

```

```

        HttpSession session = request.getSession();
        String sessionMartCode = (String) session.getAttribute("SMAR
RTCODE");

        List showcaseList = facilityService.getSearchShowcaseList(s
earchShowcase, sessionMartCode);
        model.addAttribute("showcaseList", showcaseList);
        System.out.println("model 에 담긴 showcaseList: " + showcaseL
ist);

        List warehouseList = facilityService.getWarehouseList(sessi
onMartCode);
        model.addAttribute("warehouseList", warehouseList);
        System.out.println("model 에 담긴 warehouseList: " + warehous
eList);

        return "basic_management/facility/facilityList";
    }

    @GetMapping("/facilityList")
    public String facilityList(HttpServletRequest request, Model model) {
        System.out.println("페이지: 시설 관리 ");
        System.out.println("경로: basic_management/facility/facility
List(GET 방식 성공) ");

        HttpSession session = request.getSession();
        String sessionMartCode = (String) session.getAttribute("SMAR
RTCODE");

        List showcaseList = facilityService.getShowcaseList(session
MartCode);
        model.addAttribute("showcaseList", showcaseList);
        System.out.println("model 에 담긴 showcaseList: " + showcaseL
ist);

```

```

        List warehouseList = facilityService.getWarehouseList(sessionMartCode);
        model.addAttribute("warehouseList", warehouseList);
        System.out.println("model 에 담긴 warehouseList: " + warehouseList);

        List warehouseNameList= facilityService.getWarehouseListByMartCode(sessionMartCode);
        model.addAttribute("warehouseNameList", warehouseNameList);
        System.out.println("model 에 담긴 warehouseNameList: " + warehouseNameList);

        return "basic_management/facility/facilityList";
    }
}

```

■ Mapper

```

package k5.goodsjoc.mapper;

import java.util.List;

import org.apache.ibatis.annotations.Mapper;

import k5.goodsjoc.dto.Shelf;
import k5.goodsjoc.dto.Showcase;
import k5.goodsjoc.dto.Warehouse;

```

```

@Mapper
public interface FacilityMapper {

    //창고정보 조회
    public List getWarehouseList(String martCode);

    //판매진열대 전체 조회
    public List getShowcaseList(String martCode);

    //창고 목록 조회
    public List getWarehouseListByMartCode(String martCode);

    //창고 등록
    public int warehouseInsert(Warehouse warehouse);

    //창고 진열대 등록
    public int shelfInsert(Shelf shelf);

    //판매 진열대 등록
    public int showcaseInsert(Showcase showcase);

    //창고,창고진열대,창고구분 검색
    public List getSearchWarehouseList(String searchWarehouse, String martCode);

    //판매 진열대 검색
    public List getSearchShowcaseList(String searchShowcase, String martCode);

}

```

■ Service

```

package k5.goodsjoc.service;

import java.util.List;

```

```
import org.springframework.stereotype.Service;
import org.springframework.transaction.annotation.Transactional;

import k5.goodsjoc.dto.Shelf;
import k5.goodsjoc.dto.Showcase;
import k5.goodsjoc.dto.Warehouse;
import k5.goodsjoc.mapper.FacilityMapper;

@Service
@Transactional
public class FacilityService {
    private final FacilityMapper facilityMapper;
    public FacilityService(FacilityMapper facilityMapper) {
        this.facilityMapper = facilityMapper;
    }

    public List getWarehouseList(String martCode){
        return facilityMapper.getWarehouseList(martCode);
    }

    public List getShowcaseList(String martCode){
        return facilityMapper.getShowcaseList(martCode);
    }

    public List getWarehouseListByMartCode(String martCode) {
        return facilityMapper.getWarehouseListByMartCode(martC
ode);
    }

    public int warehouseInsert(Warehouse warehouse) {
        return facilityMapper.warehouseInsert(warehouse);
    }

    public int shelfInsert(Shelf shelf) {
        return facilityMapper.shelfInsert(shelf);
    }

    public int showcaseInsert(Showcase showcase) {
```

```

        return facilityMapper.showcaseInsert(showcase);
    }

    //참고 목록 검색
    public List getSearchWarehouseList(String searchWarehouse,
String martCode) {
        return facilityMapper.getSearchWarehouseList(searchWarehouse, martCode);
    }

    public List getSearchShowcaseList(String searchShowcase, String martCode) {
        return facilityMapper.getSearchShowcaseList(searchShowcase, martCode);
    }
}

```

■ Mapper(SQL)

```

<?xml version="1.0" encoding="UTF-8"?>
DOCTYPE mapper
    PUBLIC "-//mybatis.org//DTD Mapper 3.0//EN"
        "http://mybatis.org/dtd/mybatis-3-mapper.dtd">
<mapper namespace="k5.goodsjoc.mapper.FacilityMapper">
    <resultMap type="Shelf" id="shelfResultMap">
        <id column="shelfCode" property="shelfCode"/>
        <result column="warehouseCode" property="warehouseCode"/>
        <result column="shelfName" property="shelfName"/>
        <result column="totalStock" property="totalStock"/>
        <result column="martCode" property="martCode"/>
        <result column="ID" property="id"/>
        <result column="regDate" property="regDate"/>
    </resultMap>

```



```

        <association javaType="Warehouse" property="warehouse
">
            <id column="warehouseCode"          prop
erty="warehouseCode"/>
            <result column="warehouseName"  property="w
arehouseName"/>
            <result column="warehouseType"  property="w
arehouseType"/>
        </association>
    </resultMap>

    <resultMap type="Warehouse" id="warehouseResultMap">
        <id column="warehouseCode"          property="wareh
ouseCode"/>
        <result column="warehouseName"  property="warehouseNa
me"/>
        <result column="warehouseType"  property="warehouseTy
pe"/>
        <result column="totalStock"      property="total
Stock"/>
        <result column="martCode"        property="martCode"
ty="martCode"/>
        <result column="ID"
        property="id"/>
        <result column="regDate"        property="regDate"
y="regDate"/>
    </resultMap>

    <resultMap type="Showcase" id="showcaseResultMap">
        <result column="showcaseCode"
property="showcaseCode"/>
        <result column="showcasePlace"
property="showcasePlace"/>
        <result column="stock"
        property="stock"/>
        <result column="martCode"
        property="martCode"/>
        <result column="ID"
        property="id"/>
        <result column="regDate"
        property="regDate"/>
    </resultMap>

    <select id="getShowcaseList" parameterType="String" resultMap="s
howcaseResultMap">
        SELECT
            showcaseCode, showcasePlace, stock, martCod
e, ID, regDate
        FROM
            tb_showcase

```

```

WHERE
        martCode = #{martCode}
</select>

<select id="getWarehouseList" resultMap="shelfResultMap">
    SELECT
        s.shelfCode, s.warehouseCode, s.shelfName,
s.martCode, s.ID, s.regDate
        , w.warehouseName, w.warehouseType
    FROM
        tb_shelf AS s
        inner join
        tb_warehouse AS w
        on
        s.warehouseCode = w.warehouseCode
    WHERE
        s.martCode = #{martCode}
</select>

<select id="getWarehouseListByMartCode" resultType="Warehouse">
    SELECT
        warehouseCode, warehouseName, martCode
    FROM
        tb_warehouse
    WHERE
        martCode = #{martCode}
</select>

<select id="getSearchWarehouseList" resultMap="shelfResultMap" r
resultType="Warehouse">
    SELECT
        w.warehouseName,
        w.warehouseType,
        s.shelfName
    FROM
        tb_shelf AS s
    INNER JOIN
        tb_warehouse AS w
    ON
        s.warehouseCode = w.warehouseCode
    WHERE
        s.martCode = #{martCode}
        <if test="searchWarehouse != null and search
hWarehouse != ''.toString()">
            AND(s.shelfName LIKE CONCAT('%',
#{searchWarehouse}, '%')
            OR w.warehouseName LIKE CONCAT('
%', #{searchWarehouse}, '%')

```

```

                                OR w.warehouseType LIKE CONCAT('
%', #{searchWarehouse}, '%'))
                                </if>
                                </select>

                                <select id="getSearchShowcaseList" resultMap="showcaseResultMap"
resultType="Showcase">
                                SELECT
                                s.showcasePlace
                                FROM
                                tb_showcase AS s
                                WHERE
                                s.martCode = #{martCode}
                                <if test="searchShowcase != null and search
Showcase != ''.toString()">
                                AND(s.showcasePlace LIKE CONCAT(
%', #{searchShowcase}, '%'))
                                </if>
                                </select>

                                <insert id="warehouseInsert" parameterType="Warehouse">
                                INSERT INTO tb_warehouse(
                                warehouseName
                                ,warehouseType
                                ,martCode
                                ,ID
                                ,regDate
                                )VALUES (
                                #{warehouseName}
                                ,#{warehouseType}
                                ,#{martCode}
                                ,#{id}
                                ,NOW()
                                )
                                </insert>

                                <insert id="shelfInsert" parameterType="Shelf">
                                INSERT INTO tb_shelf(
                                warehouseCode
                                ,shelfName
                                ,martCode
                                ,ID
                                ,regDate
                                )VALUES (
                                #{warehouseCode}
                                ,#{shelfName}
                                ,#{martCode}
                                ,#{id}
                                ,NOW()
                                )

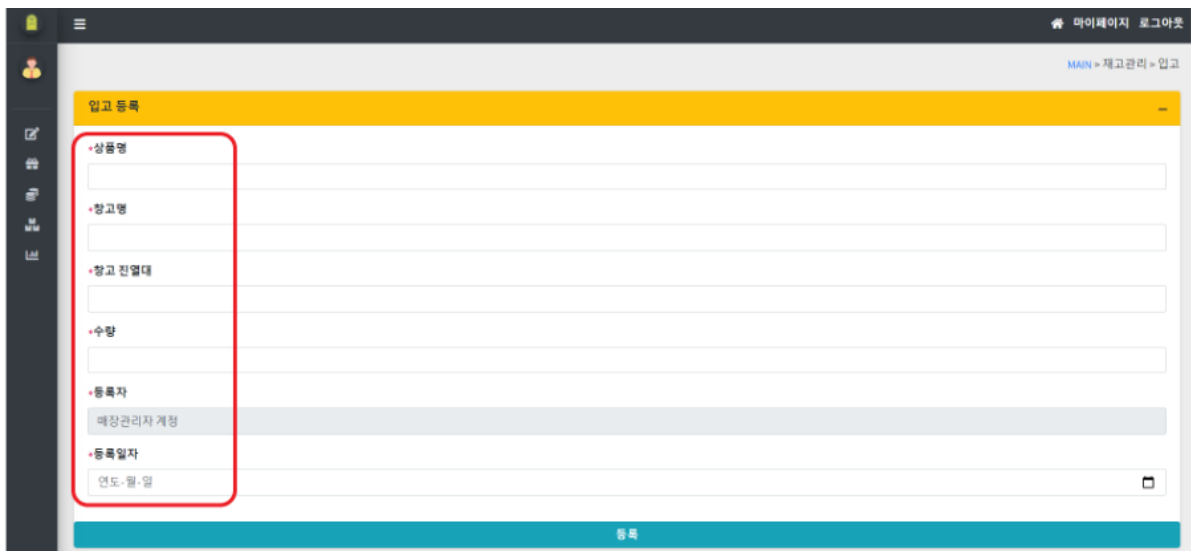
```

```

</insert>

<insert id="showcaseInsert" parameterType="Showcase">
    INSERT INTO tb_showcase(
        showcasePlace
        ,martCode
        ,ID
        ,regDate
    )VALUES (
        #{showcasePlace}
        ,#{martCode}
        ,#{id}
        ,NOW()
    );
</insert>
</mapper>

```



입고(등록)

입고 (등록)
<ul style="list-style-type: none"> - 입고관리 메뉴 선택 시 입고 등록 화면을 보여준다. - 입고 정보 입력 후 등록 버튼 클릭 시 입력한 입고 정보가 등록된다.

■ Html(javascript)

```

DOCTYPE html>
<html xmlns:th="http://www.thymeleaf.org"
      xmlns:layout="http://www.ultraq.net.nz/thymeleaf/layout"

```

```

        layout:decorate="@{/layout/default}">
<th:block layout:fragment="customTitle">
    <title>입고 등록</title>
</th:block>
<th:block layout:fragment="LocationTitle">
</th:block>
<th:block layout:fragment="LocationPlace">
    <a th:href="@{/main}">MAIN</a>
        > 재고관리 > 입고
    </th:block>
<th:block layout:fragment="customContents">
    <section class="content">

                <div class="col">
                    <div class="card card-warning">
                        <div class="card-
header">
                            <h3 class=
"card-title"><b>입고 등록</b></h3>
                                <div class
="card-tools">
                                    <button type="button" class="btn btn-tool"
                                        data-card-
widget="collapse" title="Collapse">
                                            <i class="fas fa-minus"></i>
                                        </button>
                                                </div>
                                                    </div>
                                                        <div class="card-
body">
                                                            <form class="form-
horizontal" th:action="@{/stock_management/warehousing/warehousingInsert}"
method="post">
                                                                <div class
="form-group">
                                                                    <label for="inputName"><code>*</code>상품명</label> <input type="text"
                                                                        id="inputName" class="form-
control" name="goodsName">
                                                                            </div>
                                                                                <div class
="form-group">
                                                                                    <label for="inputProjectLeader"><code>*</code>창고명</label>

```

```

        <input type="text" id="inputProjectLeader" class="form-
control" name="warehousingName">
                                                    </div>
                                                    <div class
="form-group">
<label for="inputProjectLeader"><code>*</code>창고 진열대</label> <input
type="text" id="inputProjectLead
er" class="form-control" name="shelName">
                                                    </div>
                                                    <div class
="form-group">
<label for="inputProjectLeader"><code>*</code>수량</label> <input type="text"
id="inputProjectLeader" class="f
orm-control" name="warehousingQTY">
                                                    </div>
                                                    <div class
="form-group">
<label for="warehouseType"><code>*</code>등록자</label> <input type="text"
id="inputProjectLeader" class="f
orm-control" th:value="{session.SNAME}" readonly="readonly">
                                                    </div>
                                                    <div class
="form-group row" style="display:none">
<label for="warehouseType" class="col-sm-2 col-form-label">아이디</label>
        <div class="col-sm-10">
                <input type="text" class="form-
control" name="ID" th:value="{session.SID}" readonly="readonly">
        </div>
                                                    </div>
                                                    <div class
="form-group row" style="display:none">
<label for="warehouseType" class="col-sm-2 col-form-label">마트</label>
        <div class="col-sm-10">
                <input type="text" class="form-
control" name="martCode" th:value="{session.SMARTCODE}" readonly="readonl
y">

```

```

        </div>
                                </div>
                                <div class
="form-group">
<label for="inputProjectLeader"><code>*</code>등록일자</label> <input type="
date"
                                id="inputProjectLeader" class="f
orm-control" name="regDate">
                                </div>
                                </form>
                                </div>
                                <a href="warehousingL
ist"
                                class="btn btn-m bg-info color-palette btn-
block"><b>등록</b></a>
                                </div>
                                </div>
                                </section>

```

■ Controller

```

@GetMapping("/warehousingInsert")
    public String warehousingInsert() {
        System.out.println("페이지: 입고 등록 ");
        System.out.println("경로: stock_management/warehousing
/warehousingInsert(GET 방식 성공) ");

        return "stock_management/warehousing/warehousingInser
t";
    }

```

■ Service

```

//입고 등록
public int warehousingInsert(Warehousing warehousing) {
    return warehousingMapper.warehousingInsert(warehousing);
}

```



■ Mapper

```
//입고 등록  
public int warehousingInsert(Warehousing warehousing);
```

입고관리

입고관리

입고검색: ::선택: * 입고검색 [검색] [등록]

등록일: 연도-월-일 - 연도-월-일

순번	상품명	광고	광고진열대	수량	담당자	입고일자	
1	대구	A	a-1-1	20	오대성	2022-01-06	[eye] [trash]
2	대구	B	b-1-3	10	오대성	2022-01-06	[eye] [trash]
3	갈치	A	a-3-3	3	오대성	2022-01-02	[eye] [trash]
4	돼지갈비	B	b-1-1	2	정도혜	2022-01-11	[eye] [trash]
5	등갈비	A	a-1-1	10	정도혜	2022-01-11	[eye] [trash]

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입고관리

- 입고관리 화면에서 조건 검색 및 조회가 가능하다.

■ Html(javascript)

```
DOCTYPE html>
<html xmlns:th="http://www.thymeleaf.org"
      xmlns:layout="http://www.ultraq.net.nz/thymeleaf/layout"
      layout:decorate="@{layout/default}">
<th:block layout:fragment="customTitle">
    <title>입고관리</title>
</th:block>
<th:block layout:fragment="LocationTitle">
</th:block>
<th:block layout:fragment="LocationPlace">
    <a th:href="@{/main}">MAIN</a>
    > 재고관리 > 입고관리
</th:block>
<th:block layout:fragment="customContents">
    <section class="content">

        <div class="col-12">
            <div class="card card-
warning card-tabs">
                <div class="card-
header">
                    <h3 class=
"card-title">
<b>입고관리</b>
                </h3>
            </div>
            <div class="card-
body">
                <div class
="tab-content" id="custom-tabs-two-tabContent">

<form th:action="@{/stock_management/warehousing/warehousingList}" method="
post">

<div class="row">

    <label class="col-sm-1 col-form-label">입고검색</label>

    <div class="col-sm-2">
```

```

        <select name="searchKey" class="form-control custom-
select">
            <option>::선택::</option>
            <option value="goodsName">상품명</option>
            <option value="name">담당자</option>
            <option value="warehouseName">창고</option>
            <option value="shelfName">창고진열대</optio
n>
        </select>
    </div>
    <div class="input-group input-group-m" style="width: 500px;">
        <input type="text" name="searchValue" style="margin-
left: 3%"
            class="form-control float-
right" placeholder="입고검색">
    </div>
    <div style="margin-left: 15%">
        <button type="submit" class="btn-lg btn-info">
            <b>검색</b>
        </button>
        <a href="warehousingInsert">
            <button type="button" class="btn-lg btn-
info">
                <b>등록</b>
            </button>
        </a>
    </div>
</div>

```

```

</div>

<div class="row" style="margin-top: 1%">

    <label class="col-sm-1 col-form-label">등록일</label>

    <div class="col-sm-2">

        <input type="date" name="startDt" id="date" class="form-control">

    </div>

    <span style="font-weight: bold;"> ~ </span>

    <div class="col-sm-2">

        <input type="date" name="endDt" id="date" class="form-control">

    </div>

</div>

</form>

</div>

</div>

</div>

</div>

</div>

<div class="col-12">
    <div class="card card-warning card-tabs">
        <div class="card-header p-0 pt-1"></div>
        <div class="card-body table-responsive p-0" style="height: 300px;">
            <div class="table table-hover text-nowrap text-center">
                <thead>

```

```

        <tr>
            <th>순번</th>
            <th>상품명</th>
            <th>창고</th>
            <th>창고 진열대</th>
            <th>수량</th>
            <th>담당자</th>
            <th>입고일자</th>
            <th></th>
        </tr>
    </thead>
    <tbody>
        <tr th:if="{not #lists.isEmpty(warehousingList)}" th:
each="L, i : {warehousingList}">
            <td th:text="{i.index+1}"></td>
            <td th:text="{L.goods.getGoodsName()}"></td>
            <td th:text="{L.warehouse.getWarehouseName
()}"></td>
            <td th:text="{L.shelf.getShelfName()}"><span
class="tag tag-success"></span></td>
            <td th:text="{L.warehousingQTY}"></td>
            <td th:text="{L.user.getName()}"></td>
            <td th:text="{L.regDate}"></td>
            <td class="text-right py-0 align-middle">
                <div class="btn-group btn-group-
sm">

```

```

<a href="warehousingU
pdate" class="btn btn-info"><i
class
="fas fa-eye"></i></a> <a href="#" class="btn btn-danger"
data-
toggle="modal" data-target="#exampleModalCenter"><i
class
="fas fa-trash"></i></a>
</div>
</td>
</tr>
</tbody>
</table>
</div>
</div>
</div>
<div class="modal fad
e" id="exampleModalCenter" tabindex="-1"
role="dialog" aria-
labelledby="exampleModalCenterTitle"
aria-hidden="true">
<div class
="modal-dialog modal-dialog-centered" role="document">
<div class="modal-content">
<div class="modal-header">
<h5 class="modal-
title" id="exampleModalLongTitle">알림</h5>
<button type="button" class="close" data-
dismiss="modal"
aria-label="Close">
<span aria-hidden="true">x</span>
</button>
</div>

```



```

        }else if(searchKey != null && "userName".equals(searchKey)) {
            searchKey = "userName";
        }else if(searchKey != null && "warehouseName".equals(searchKey)) {
            searchKey = "warehouseName";
        }else if(searchKey != null && "shelfName".equals(searchKey)) {
            searchKey = "shelfName";
        }
        // 검색키 검색어를 통해서 입고목록 조회

        List warehousingList = warehousingService.getWarehousingBySearchKey(searchKey, searchValue, sessionMartCode, startDt, endDt);

        // 조회된 입고 목록 model 에 값을 저장
        model.addAttribute("title", "입고조회");
        model.addAttribute("warehousingList", warehousingList);
    );

    return "stock_management/warehousing/warehousingList"
;
    }

    @GetMapping("/warehousingList")
    public String warehousingList(HttpServletRequest request, Model model) {

        System.out.println("페이지: 입고 조회");
        System.out.println("경로: stock_management/warehousing/warehousingList(GET 방식 성공) ");

        HttpSession session = request.getSession();
        String sessionMartCode = (String) session.getAttribute("SMARTCODE");

        List warehousingList = warehousingService.getWarehousingList(sessionMartCode);
        model.addAttribute("warehousingList", warehousingList);
    ;

    return "stock_management/warehousing/warehousingList"
;
    }
}

```

```

//입고 조회
    public List getWarehousingList(String martCode){
        return warehousingMapper.getWarehousingList(martCode);
    }
//입고 검색
    public List getWarehousingBySearchKey(String searchKey, String
searchValue, String martCode, String startDt, String endDt) {
        return warehousingMapper.getWarehousingBySe
archKey(searchKey, searchValue, martCode, startDt, endDt);
    }

```

■ Mapper(SQL)

```

<?xml version="1.0" encoding="UTF-8"?>
DOCTYPE mapper
  PUBLIC "-//mybatis.org//DTD Mapper 3.0//EN"
  "http://mybatis.org/dtd/mybatis-3-mapper.dtd">
<mapper namespace="k5.goodsjoc.mapper.WarehousingMapper">
  <resultMap type="Warehousing" id="WarehousingResultMap">
    <result column="warehousingCode"
      property="warehousingCode"/>
    <result column="barcode"
      property="barcode"/>
    <result column="shelfCode"
      property="shelfCode"/>
    <result column="warehousingQTY"
      property="warehousingQTY"/>
    <result column="warehousingType"
      property="warehousingType"/>
    <result column="note"
      property="note"/>
    <result column="martCode"
      property="martCode"/>
    <result column="ID"
      property="id"/>
    <result column="regDate"
      property="regDate"/>
    <association javaType="Goods" property="goods">
      <id column="barcode" property="barcode"/>
      <result column="goodsName"
        property="goodsName"/>
    </association>
    <association javaType="Warehouse" property="warehouse">
      <id column="warehouseCode"
        property="warehouseCode"/>

```



```

                <result column="warehouseName"
                property="warehouseName"/>
            </association>
            <association javaType="Shelf" property="shelf">
                <id column="shelfCode" property="shelfCode"/>
            </association>
            <result column="shelfName"
            property="shelfName"/>
        </association>
        <association javaType="User" property="user">
            <id column="ID" property="id"/>
            <result column="name"
            property="name"/>
        </association>
    </resultMap>

    <select id="getWarehousingList" resultMap="WarehousingResultMap"
    >
        SELECT
            i.barcode,
            i.warehousingQTY,
            u.name,
            date_format(i.regDate, '%Y-%m-%d') AS regDate,
            g.goodsName,
            s.shelfName,
            w.warehouseName
        FROM
            tb_warehousing AS i
        INNER JOIN
            tb_goods AS g
        ON
            i.barcode = g.barcode
        INNER JOIN
            tb_shelf AS s
        ON
            i.shelfCode = s.shelfCode
        INNER JOIN
            tb_warehouse AS w
        ON
            s.warehouseCode = w.warehouseCode
        INNER JOIN
            tb_user AS u
        on
            i.ID = u.ID
    </select>

    <select id="getWarehousingBySearchKey" resultType="Warehousing"
    resultMap="WarehousingResultMap">

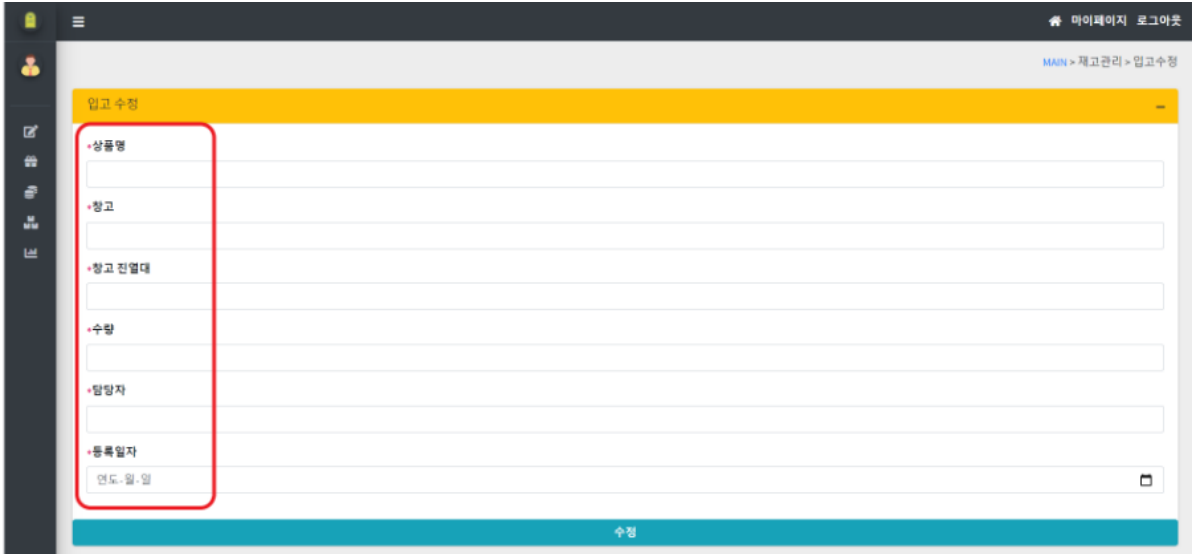
```

```

SELECT
    i.warehousingQTY,
    u.name,
    g.goodsName,
    s.shelfName,
    w.warehouseName,
    date_format(i.regDate, '%Y-%m-%d') AS regDate
FROM
    tb_warehousing AS i
INNER JOIN
    tb_goods AS g
ON
    i.barcode = g.barcode
INNER JOIN
    tb_shelf AS s
ON
    i.shelfCode = s.shelfCode
INNER JOIN
    tb_warehouse AS w
ON
    s.warehouseCode = w.warehouseCode
INNER JOIN
    tb_user AS u
on
    i.ID = u.ID
WHERE
    i.martCode = #{martCode}
    <if test="searchValue != null and searchValue != ''>
        AND ${searchKey} LIKE CONCAT('%'
        , #{searchValue}, '%')
    </if>
    <if test="startDt != null and startDt != '' and endDt != null and endDt != ''>
        AND date_format(i.regDate, '%Y-%m-%d') BETWEEN #{startDt} AND #{endDt}
    </if>
</select>
</mapper>

```

입고 수정



입고 수정

- 입고 정보를 수정 가능하다.
- 수정버튼 클릭 시 입고 리스트에 수정된 정보로 보여진다.

■ Html(javascript)

```

DOCTYPE html>
<html xmlns:th="http://www.thymeleaf.org"
      xmlns:layout="http://www.ultraq.net.nz/thymeleaf/layout"
      layout:decorate="@{layout/default}">
<th:block layout:fragment="customTitle">
    <title>입고 수정</title>
</th:block>
<th:block layout:fragment="LocationTitle">
</th:block>
<th:block layout:fragment="LocationPlace">
    <a th:href="@{/main}">MAIN</a>
    > 재고관리 > 입고수정
</th:block>
<th:block layout:fragment="customContents">
    <section class="content">

        <div class="col">
            <div class="card card-warning">
                <div class="card-
header">
                    <h3 class=
"card-title">입고 수정</h3>
                <div class
="card-tools">

```

```

<button type="button" class="btn btn-tool" data-card-
widget="collapse" title="Collapse">
    <i class="fas fa-minus"></i>
</button>
</div>
</div>
<div class="card-
body">
    <div class
="form-group">
<label for="inputName"><code>*</code>상품명</label> <input type="text"
id="inputName" class="form-
control">
</div>
<div class
="form-group">
<label for="inputClientCompany"><code>*</code>참고</label> <input type="text"
"
id="inputClientCompany" class="f
orm-control">
</div>
<div class
="form-group">
<label for="inputStatus"><code>*</code>참고 진열대</label> <input type="text"
"
id="inputClientCompany" class="f
orm-control">
</div>
<div class
="form-group">
<label for="inputProjectLeader"><code>*</code>수량</label> <input type="text"
"
id="inputProjectLeader" class="f
orm-control">
</div>
<div class
="form-group">
<label for="inputProjectLeader"><code>*</code>담당자</label> <input type="te
xt"

```

```

orm-control">
    id="inputProjectLeader" class="f
    </div>
    <div class
="form-group">
    <label for="inputProjectLeader"><code>*</code>등록일자</label> <input type="
date"
    id="inputProjectLeader" class="f
orm-control">
    </div>
    </div>
    <a href="warehousingL
ist"
    class="btn btn-m bg-info color-palette btn-
block"><b>수정</b></a>
    </div>
    </div>
    </section>

```

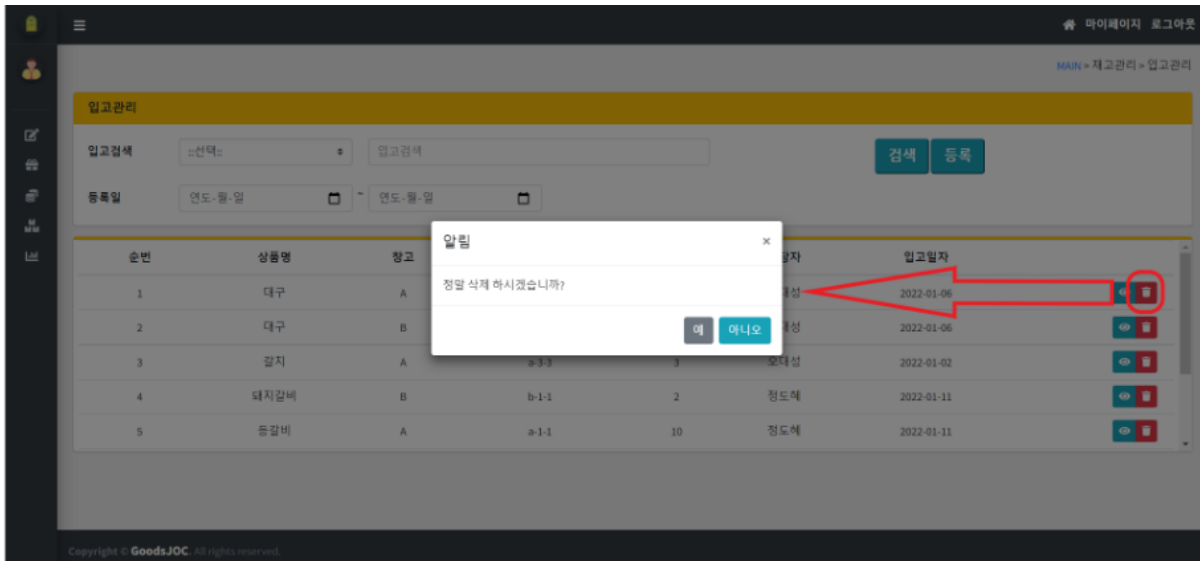
■ Controller

```

//입고 수정
    @GetMapping("/warehousingUpdate")
    public String warehousingUpdate() {
        System.out.println("페이지: 입고 수정 ");
        System.out.println("경로: stock_management/warehousing
/warehousingUpdate(GET 방식 성공) ");
        return "stock_management/warehousing/warehousingUpdat
e";
    }

```

입고 삭제



입고 삭제

- 입고 삭제 버튼 클릭 시 삭제 알림을 보여준다.

■ Html(javascript)

```

<td class="text-right py-0 align-middle">
    <div class="btn-group btn-group-sm">
        <a href="warehousingU
pdate" class="btn btn-info"><i
class
="fas fa-eye"></i></a> <a href="#" class="btn btn-danger"
data-
toggle="modal" data-target="#exampleModalCenter"><i
class
="fas fa-trash"></i></a>
    </div>
</td>
</tr>
</tbody>
</table>
</div>

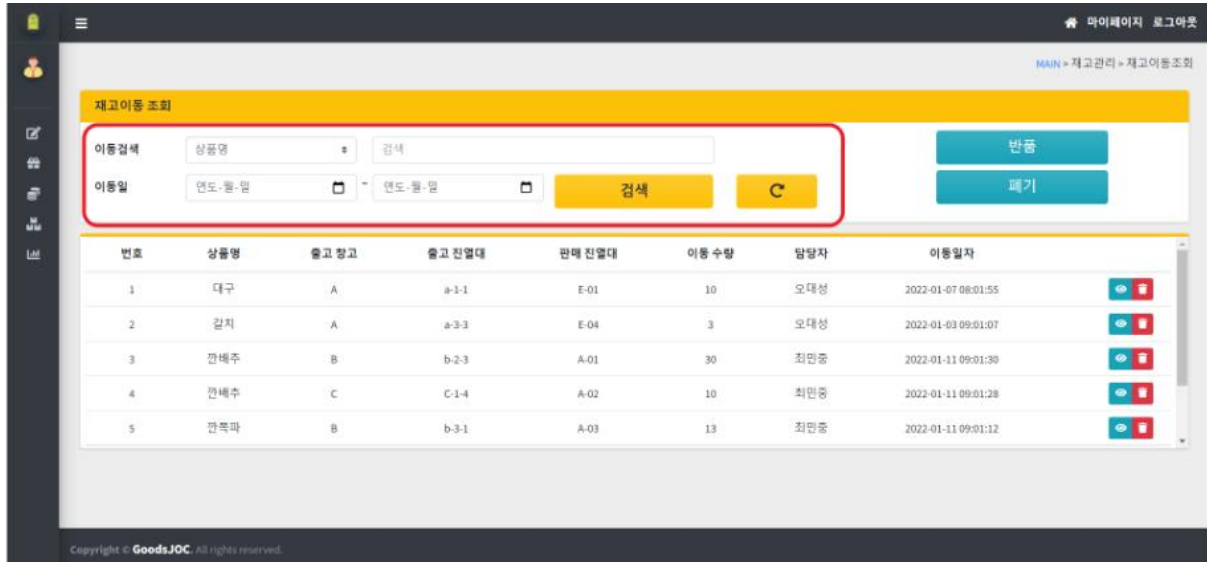
```

```

</div>
<div class="modal fade" id="exampleModalCenter" tabindex="-1"
        role="dialog" aria-
labelledby="exampleModalCenterTitle"
        aria-hidden="true">
<div class="modal-dialog modal-dialog-centered" role="document">
<div class="modal-content">
    <div class="modal-header">
        <h5 class="modal-
title" id="exampleModalLongTitle">알림</h5>
        <button type="button" class="close" data-
dismiss="modal"
                aria-label="Close">
            <span aria-hidden="true">x</span>
        </button>
    </div>
    <div class="modal-body">정말 삭제 하시겠습니까?</div>
    <div class="modal-footer">
        <a href="warehousingList"><button type="button"
class="btn btn-
secondary">예</button></a>
        <button type="button" class="btn btn-info"
data-
dismiss="modal">아니오</button>
    </div>
</div>
</div>
</div>

```

재고이동 관리



재고이동 조회

- 재고이동 화면을 보여준다.
- 재고이동 조건 검색이 가능하다.
- 재고 이동 조회가 가능하다.

■ Html(javascript)

```
DOCTYPE html>
<html xmlns:th="http://www.thymeleaf.org"
      xmlns:layout="http://www.ultraq.net.nz/thymeleaf/layout"
      layout:decorate="@{layout/default}">
<th:block layout:fragment="customTitle">
  <title>재고이동 관리</title>
</th:block>
<th:block layout:fragment="LocationTitle">
</th:block>
<th:block layout:fragment="LocationPlace">
  <a th:href="@{main}">MAIN</a>
  > 재고관리 > 재고이동조회
</th:block>
<th:block layout:fragment="customContents">
  <section class="content">
    <div class="container-fluid">
```



```

        <div class="col-12">
            <div class="card card-
warning card-tabs">
                <div class="card-
header">
                    <h3 class=
"card-title">
<b>재고이동 조회</b>
                </h3>
            </div>
            <div class="card-
body">
                <div class
="tab-content" id="custom-tabs-two-tabContent">
                    <form th:action="@{/s
tock_management/display/searchDisplayList}" method="post">
<div class="row">
                <label class="col-sm-1 col-form-label">이동검색</label>
                <div class="col-sm-2">
                    <select name="searchKey" class="form-control custom-
select">
                        <option value="goodsName">상품명</option>
                        <option value="name">담당자</option>
                        <option value="warehouseName">창고</option>
                        <option value="showcasePlace">판매진열대</o
ption>
                    </select>
                </div>
                <div class="input-group input-group-m" style="width: 500px;">
                    <input type="text" name="searchValue" style="margin-
left: 3%
                    class="form-control float-right"
                    placeholder="검색">

```

```

        </div>

</div>

<div class="row" style="margin-top: 1%">

    <label class="col-sm-1 col-form-label">이동일</label>

    <div class="col-sm-2">

        <input type="date" name="startDt" id="date" class="form-control">

    </div>

    <span style="font-weight: bold;">~</span>

    <div class="col-sm-2">

        <input type="date" name="endDt" id="date" class="form-control">

    </div>

    <div class="col-sm-2">

        <button type="submit" class="btn btn-block bg-gradient-warning btn-lg" style="width: 225px">

            <b>검색</b>

        </button>

    </div>

    <div class="col-sm-1">

        <a th:href="@{/stock_management/display/displayList}" type="button" class="btn btn-block bg-gradient-warning btn-lg">

            <i class="fas fa-redo-alt"></i>

        </a>

```

```

</div>
<div class
="col-2" style="margin: -4% 0 0 10%">
<a th:href="@{/stock_management/goodsReturn/returnList}" class="btn btn-
block bg-gradient-info btn-Lg">반품</a>
<a th:href="@{/stock_management/disposal/disposalList}" class="btn btn-
block bg-gradient-info btn-Lg">폐기</a>
</div>
</div>
</form>
</div>
</div>
</div>
<div class="col-12">
<div class="card card-
warning card-tabs">
<div class="card-
header p-0 pt-1"></div>
<div class="card-
body table-responsive p-0" style="height: 300px;">
<div class
="col-12">
<table class="table table-hover text-nowrap text-center">
<thead>
<tr>
<th>번호</th>
<th>상품명</th>
<th>출고 창고</th>
<th>출고 진열대</th>
<th>판매 진열대</th>
<th>이동 수량</th>
<th>담당자</th>

```

```

                <th>이동일자</th>

                <th></th>

            </tr>

        </thead>

        <tbody>

            <tr th:if="{not #Lists.isEmpty(displayList)}" th:each="d, i : {displayList}">

                <td th:text="{i.index+1}"></td>

                <td th:text="{d.goodsName}"></td>

                <td th:text="{d.warehouseName}"></td>

                <td th:text="{d.shelfName}"></td>

                <td th:text="{d.showcasePlace}"></td>

                <td th:text="{d.displayQTY}"></td>

                <td th:text="{d.userName}"></td>

                <td th:text="{d.regDate}"></td>

                <td class="text-right py-0 align-middle">

                    <div class="btn-group btn-group-sm">

                        <a href="displayUpdate" class="btn btn-info"><i="fas fa-eye"></i></a> <a href="#" class="btn btn-danger" class="btn btn-danger" data-toggle="modal" data-target="#exampleModalCenter"><i="fas fa-trash"></i></a>

                    </div>

                </td>

            </tr>

```

```

        </tbody>
</table>
</div>
</div>

```

■ Controller

```

//재고이동 검색(오대성)
@PostMapping("/searchDisplayList")
public String DisplayList(HttpServletRequest request,

    @RequestParam(value="searchKey", required = false) String search
Key,

    @RequestParam(value="searchValue", required = false) String searchValue,

    @RequestParam(value="startDt", required = false) String startDt,

    @RequestParam(value="endDt", required = false) String endDt,

    Model model) {

        System.out.println(searchKey);
        System.out.println(searchValue);

        HttpSession session = request.getSession();
        String sessionMartCode = (String) session.getAttribute("SMARTCOD
E");

        if(searchKey != null && "goodsName".equals(searchKey)) {
            searchKey = "goodsName";
        }else if(searchKey != null && "userName".equals(searchKey)) {
            searchKey = "userName";
        }else if(searchKey != null && "warehouseName".equals(searchKey))
{
            searchKey = "warehouseName";
        }else if(searchKey != null && "showcasePlace".equals(searchKey))
{
            searchKey = "showcasePlace";
        }
        // 검색키 검색어를 통해서 재고 조회

```

```

        List<Map<String, Object>> displayList = displayService.getDisplay
        BySearchKey(searchKey, searchValue, sessionMartCode, startDt, endDt);

        // 재고이동 model 에 값을 저장
        model.addAttribute("title", "재고이동검색");
        model.addAttribute("displayList", displayList);

        return "stock_management/display/displayList";
    }

    @GetMapping("displayList")
    public String displayList(HttpServletRequest request, Model mode
1) {

        System.out.println("페이지: 재고 이동 조회 ");
        System.out.println("경로: stock_management/display/dis
        playList(GET 방식 성공) ");

        HttpSession session = request.getSession();
        String sessionMartCode = (String) session.getAttribut
        e("SMARTCODE");

        List<Map<String, Object>> displayList = displayServic
        e.getDisplayList(sessionMartCode);
        model.addAttribute("displayList", displayList);

        return "/stock_management/display/displayList";
    }
}

```

■ Service

```

//재고이동 조회(오대성)
    public List<Map<String, Object>> getDisplayList(String martCode)
    {

        return displayMapper.getDisplayList(martCode);
    }
//재고이동 검색
    public List<Map<String, Object>> getDisplayBySearchKey(String se
    archKey, String searchValue, String martCode, String startDt, String endDt)
    {

        return displayMapper.getDisplayBySearchKey(searchKey,
        searchValue, martCode, startDt, endDt);
    }
}

```

■ Mapper(SQL)

```

<select id="getDisplayList" resultType="Map">
    SELECT
        w.displayCode AS displayCode
        , w.displayQTY AS displayQTY
        , date_format(w.regDate, '%Y-%m-%d %h:%
m:%s') AS regDate

        , g.goodsName AS goodsName
        , s.shelfName AS shelfName
        , h.warehouseName AS warehouseName
        , c.showcasePlace AS showcasePlace
        , u.NAME AS userName
    FROM
        tb_display AS w
    INNER JOIN
        tb_goods AS g
    ON
        w.barcode = g.barcode
    INNER join
        tb_shelf AS s
    ON
        w.shelfCode = s.shelfCode
    INNER join
        tb_warehouse AS h
    on
        s.warehouseCode = h.warehouseCode
    INNER join
        tb_showcase AS c
    on
        w.showcaseCode = c.showcaseCode
    INNER join
        tb_user AS u
    on
        w.ID = u.ID
    WHERE
        w.martCode = #{martCode}

</select>

<select id="getDisplayBySearchKey" parameterType="String" result
Type="Map">
    SELECT
        w.displayQTY AS displayQTY
        ,date_format(w.regDate, '%Y-%
m-%d %h:%m:%s') AS regDate

        ,g.goodsName AS goodsName
        ,s.shelfName AS shelfName
        ,h.warehouseName AS warehouse
Name

        ,c.showcasePlace AS showcaseP
lace

```

```

        ,u.NAME AS userName
FROM
        tb_display AS w
INNER JOIN
        tb_goods AS g
ON
        w.barcode = g.barcode
INNER join
        tb_shelf AS s
ON
        w.shelfCode = s.shelf

INNER join
        tb_warehouse AS h
on
        s.warehouseCode = h.w

INNER join
        tb_showcase AS c
on
        w.showcaseCode = c.sh

INNER join
        tb_user AS u
on
        w.ID = u.ID
WHERE
        w.martCode = #{martCode}
<if test="searchValue != null and
d searchValue != ''.toString()">
        AND ${searchKey} LIKE
        CONCAT ('%', #{searchValue}, '%')
</if>
<if test="startDt != null and st
artDt != ''.toString() and endDt != null and endDt != ''.toString()">
        AND DATE_FORMAT(w.reg
Date, '%Y-%m-%d %h:%m:%s') BETWEEN #{startDt} AND #{endDt}
</if>

</select>

```


재고이동 등록

Goods JOC

재고이동 등록

*상품명

*출고 창고

*출고 잔량

*판매 잔량

*이동수량

*등록자

*이동일자

등록

재고이동 등록

- 재고이동 정보를 입력 후 등록 버튼 클릭 시 재고이동 정보가 등록된다.

■ Html(javascript)

```
DOCTYPE html>
<html xmlns:th="http://www.thymeleaf.org"
      xmlns:layout="http://www.ultraq.net.nz/thymeleaf/layout"
      layout:decorate="@{/layout/default}">
  <th:block layout:fragment="customTitle">
    <title>재고이동 등록</title>
  </th:block>
  <th:block layout:fragment="LocationTitle">
  </th:block>
  <th:block layout:fragment="LocationPlace">
    <a th:href="@{/main}">MAIN</a>
    > 재고관리 > 재고이동관리 > 재고이동등록
  </th:block>
  <th:block layout:fragment="customContents">
    <section class="content">
      <div class="container-fluid">
        <div class="col">
          <div class="card card-warning">
            <div class="card-
header">
```

```

<h3 class="card-title"><b>재고이동 등록</b></h3>
<div class="card-tools">
<button type="button" class="btn btn-tool" data-card-
widget="collapse" title="Collapse">
<i class="fas fa-minus"></i>
</button>
</div>
</div>
<div class="card-body">
<form class="form-horizontal" th:action="@{/stock_management/display/displayInsert}" method="post">
<div class="form-group">
<label for="inputName"><code>*</code>상품명</label> <input type="text"
id="inputName" class="form-control" name="goodsName">
</div>
<div class="form-group">
<label for="inputClientCompany"><code>*</code>출고 창고</label> <input type="text"
id="inputClientCompany" class="form-control" name="warehouseName">
</div>
<div class="form-group">
<label for="inputStatus"><code>*</code>출고 진열대</label> <input type="text"
id="inputClientCompany" class="form-control" name="shelfName">
</div>
<div class="form-group">
<label for="inputProjectLeader"><code>*</code>판매 진열대</label> <input

```

```

type="text" id="inputProjectLeader" class="form-control" name="showcaseName">
</div>
<div class
="form-group">
<label for="inputProjectLeader"><code>*</code>이동수량</label> <input type="
text"
id="inputProjectLeader" class="f
orm-control">
</div>
<div class
="form-group row" style="display:none">
<label for="warehouseType" class="col-sm-2 col-form-label">아이디</label>
<div class="col-sm-10">
<input type="text" class="form-
control" name="ID" th:value="{session.SID}" readonly="readonly">
</div>
</div>
<div class
="form-group row" style="display:none">
<label for="warehouseType" class="col-sm-2 col-form-label">마트</label>
<div class="col-sm-10">
<input type="text" class="form-
control" name="martCode" th:value="{session.SMARTCODE}" readonly="readonl
y">
</div>
</div>
<div class
="form-group">
<label for="inputProjectLeader"><code>*</code>등록자</label> <input type="te
xt"
id="inputProjectLeader" class="f
orm-control" name="name">
</div>
<div class
="form-group">
<label for="inputProjectLeader"><code>*</code>이동일자</label> <input type="
date"

```

```

        id="inputProjectLeader" class="form-control" name="regDate">
        </div>
    </form>
</div>
<a href="displayList"
class="btn btn-m bg-info color-palette btn-block"><b>등록</b></a>
</div>
</div>
</div>
</section>

```

■ Controller

```

@GetMapping("displayInsert")
public String displayInsert() {
    System.out.println("페이지: 재고 이동(진열) 등록 ");
    System.out.println("경로: stock_management/display/displayInsert(GET 방식 성공) ");
    return "/stock_management/display/displayInsert";
}

```

재고이동 수정

재고이동 수정

- 재고이동 정보를 입력 후 수정 버튼 클릭 시 재고이동 리스트화면으로 넘어간다.
- 수정된 재고이동 정보를 재고이동 리스트 화면에서 보여준다.

■ Html(javascript)

```

DOCTYPE html>
<html xmlns:th="http://www.thymeleaf.org"
      xmlns:layout="http://www.ultraq.net.nz/thymeleaf/layout"
      layout:decorate="@{layout/default}">
<th:block layout:fragment="customTitle">
    <title>재고이동 수정</title>
</th:block>
<th:block layout:fragment="LocationTitle">
</th:block>
<th:block layout:fragment="LocationPlace">
    <a th:href="@{/main}">MAIN</a>
    > 재고관리 > 재고이동조회 > 재고이동수정
</th:block>
<th:block layout:fragment="customContents">
    <section class="content">
        <div class="container-fluid">
            <div class="col">
                <div class="card card-warning">
                    <div class="card-
header">

```

```

<h3 class="card-title"><b>재고이동 수정</b></h3>
<div class="card-tools">
  <button type="button" class="btn btn-tool" data-card-
  widget="collapse" title="Collapse">
    <i class="fas fa-minus"></i>
  </button>
</div>
<div class="card-body">
  <div class="form-group">
    <label for="inputName"><code>*</code>상품명</label> <input type="text"
    id="inputName" class="form-control">
  </div>
  <div class="form-group">
    <label for="inputClientCompany"><code>*</code>출고 창고</label> <input type="text"
    id="inputClientCompany" class="form-control">
  </div>
  <div class="form-group">
    <label for="inputStatus"><code>*</code>출고 진열대</label> <input type="text"
    id="inputClientCompany" class="form-control">
  </div>
  <div class="form-group">
    <label for="inputProjectLeader"><code>*</code>판매 진열대</label> <input
    type="text" id="inputProjectLeader" class="form-control">
  </div>

```

```

<div class
="form-group">
<label for="inputProjectLeader"><code>*</code>이동수량</label> <input type="
text"
id="inputProjectLeader" class="f
orm-control">
</div>
<div class
="form-group">
<label for="inputProjectLeader"><code>*</code>담당자</label> <input type="te
xt"
id="inputProjectLeader" class="f
orm-control">
</div>
<div class
="form-group">
<label for="inputProjectLeader"><code>*</code>이동일자</label> <input type="
date"
id="inputProjectLeader" class="f
orm-control">
</div>
</div>
</div>
<a href="displayList"
class="btn btn-m bg-info color-palette btn-
bLock"><b>수정</b></a>
</div>
</div>
</div>
</section>

```

■ Controller

```

@GetMapping("displayUpdate")
public String displayUpdate() {
    System.out.println("페이지: 재고 이동 정보 수정 ");
    System.out.println("경로: stock_management/display/dis
playUpdate(GET 방식 성공) ");
    return "/stock_management/display/displayUpdate";
}

```



반품 관리

번호	상품명	수량	거래처명	반품액	담당자	반품예정일
1	김치	2	다가수산	40000	오대성	2022-01-03 23:54:05
2	깁네추	10	관관농가	220000	최민중	2022-01-11 21:12:25
3	깁쪽파	2	관관농가	32000	최민중	2022-01-11 21:10:35

반품관리

- 반품관리 화면을 보여준다.
- 반품관리 화면에서 반품 조건 검색이 가능하다.
- 반품 조회가 가능하다.
- 월 반품 건수와 월 총 반품액수를 보여준다.

■ Html(javascript)

```
DOCTYPE html>
<html xmlns:th="http://www.thymeLeaf.org"
      xmlns:layout="http://www.ultraq.net.nz/thymeLeaf/layout"
      layout:decorate="@{/layout/default}">

<th:block layout:fragment="customTitle">
  <title>반품 관리</title>
</th:block>

<th:block layout:fragment="LocationTitle">
</th:block>
<th:block layout:fragment="LocationPlace">
  <a th:href="@{/main}">MAIN</a>
</th:block>
```



```

    > 재고관리 > 반품조회
</th:block>

<th:block layout:fragment="customContents">
<section class="content">

        <div class="col-12">
            <div class="card card-
warning card-tabs">
                <div class="card-
header">
                    <h3 class=
"card-title">
<b>반품 관리</b>
                </h3>
            </div>
            <div class="card-
body">
                <div class
="tab-content" id="custom-tabs-two-tabContent">

<form th:action="@{/stock_management/goodsReturn/searchReturnList}" method=
"post">

<div class="row">

        <label class="col-sm-1 col-form-label">반품검색</label>

        <div class="col-sm-2">

            <select name="searchKey" class="form-control custom-
select">

                <option value="goodsName">상품명</option>

                <option value="name">담당자</option>

                <option value="businessName">거래처명</opti
on>

            </select>

        </div>

        <div class="input-group input-group-m" style="width: 500px;">

```

```

                <input type="text" name="searchValue" style="margin-
left: 3%"
                class="form-control float-
right" placeholder="검색">
            </div>
        </div>
</div>
<div class="row" style="margin-top: 1%">
    <label class="col-sm-1 col-form-label">반품예정일</label>
    <div class="col-sm-2">
        <input type="date" name="startDt" id="date" class="fo
rm-control">
    </div>
    <span style="font-weight: bold;">~</span>
    <div class="col-sm-2">
        <input type="date" name="endDt" id="date" class="form
-control">
    </div>
<div class="col-sm-2">
    <button type="submit" class="btn btn-block bg-gradient-
warning btn-lg"><b>검색</b></button>
</div>
<div class="col-sm-1">
    <a th:href="@{/stock_management/goodsReturn/returnList}" type="b
utton" class="btn btn-block bg-gradient-warning btn-lg">

```

```

                <i class="fas fa-redo-alt"></i>

            </a>

        </div>
    </div>
    <div class="col-sm-2">
        <a th:href="@{/stock_management/goodsReturn/returnInsert}">
            <button type="button" class="btn btn-block bg-gradient-info btn-
            Lg" style="width: 50%"><b>반품등록</b></button>

        </a>
    </div>

    <div class="col-1.5" align="center" style="margin-top: -60px;">
        <th:block
        th:if="{not #Lists.isEmpty(returnPriceTotalInfo)}" th:each="L : {returnPr
        iceTotalInfo}">
        <div class="info-box mb-3 bg-info">
            <span class="info-box-icon bg-teal disabled color-
            palette elevation-1">
                <i class="fas fa-shopping-cart"></i>
            </span>
            <div class="info-box-content">
                <span class="info-box-
                text"> <b class="nowMonth"></b> 월 반품 건수</span>
                <span class="info-box-
                number"> <b th:text="{L.returnPriceCnt}"></b> 건</span>
            </div>
        </div>
    </div>
    <div class="info-box mb-3 bg-info" style="margin-top: -10px;">
        <span class="info-box-icon bg-teal elevation-1">

```



```

        <th>상품명</th>

        <th>수량</th>

        <th>거래처명</th>

        <th>반품액</th>

        <th>담당자</th>

        <th>반품예정일</th>

        <th></th>

    </tr>

</thead>

<tbody>

    <tr th:if="${not #Lists.isEmpty(goodsReturnList)}" th
:each="r, i : ${goodsReturnList}">

        <td th:text="${i.index+1}"></td>

        <td th:text="${r.goods.getGoodsName()}"></td>

        <td th:text="${r.returnQTY}"></td>

        <td th:text="${r.business.getBusinessName()
}"></td>

        <td th:text="${r.returnPrice}"></td>

        <td th:text="${r.user.getName()}"></td>

        <td th:text="${r.regDate}"></td>

        <td class="text-right py-0 align-middle">

            <div class="btn-group btn-group-
sm">

                <a href="returnUpdate
" class="btn btn-info"><i
                    class
="fas fa-eye"></i></a> <a href="#" class="btn btn-danger"

```

```

data-
toggle="modal" data-target="#exampleModalCenter"><i
class
="fas fa-trash"></i></a>

</div>

</td>

</tr>

</tbody>

</table>

</div>
</div>
</div>

<div class="modal fade"
id="exampleModalCenter" tabindex="-1"
role="dialog" aria-
labelledby="exampleModalCenterTitle"
aria-hidden="true">
<div class
="modal-dialog modal-dialog-centered" role="document">
<div class="modal-content">
<div class="modal-header">
<h5 class="modal-
title" id="exampleModalLongTitle">알림</h5>
<button type="button" class="close" data-
dismiss="modal "
aria-label="Close">
<span aria-hidden="true">x</span>
</button>
</div>
<div class="modal-body">정말 삭제 하시겠습니까?</div>

```



```

        HttpSession session = request.getSession();
        String sessionMartCode = (String) session.getAttribute(
e("SMARTCODE"));

        if(searchKey != null && "goodsName".equals(searchKey)
) {
            searchKey = "goodsName";
        }else if(searchKey != null && "userName".equals(searchKey)) {
            searchKey = "userName";
        }else if(searchKey != null && "warehouseName".equals(
searchKey)) {
            searchKey = "warehouseName";
        }else if(searchKey != null && "showcasePlace".equals(
searchKey)) {
            searchKey = "showcasePlace";
        }

        List goodsReturnList = goodsReturnService.getSearchGo
odsReturnList(sessionMartCode, searchKey, searchValue, startDt, endDt);

        model.addAttribute("title", "반품 검색");
        model.addAttribute("goodsReturnList", goodsReturnList
);

        return "stock_management/goodsReturn/returnList";
    }
    //반품 조회
    @GetMapping("/returnList")
    public String returnList(HttpServletRequest request, Model model
) {

        System.out.println("페이지: 반품 조회 ");
        System.out.println("경로: stock_management/goodsReturn
/returnList(GET 방식 성공) ");
        HttpSession session = request.getSession();
        String sessionMartCode = (String) session.getAttribute(
e("SMARTCODE"));

        List goodsReturnList = goodsReturnService.getGoodsRet
urnList(sessionMartCode);
        model.addAttribute("goodsReturnList", goodsReturnList
);

        List<Map<String, Object>> returnPriceTotalInfo = good
sReturnService.getReturnPriceTotalInfo(sessionMartCode);
        model.addAttribute("returnPriceTotalInfo", returnPric
eTotalInfo);

        return "stock_management/goodsReturn/returnList";
    }
}

```


■ Service

```
//반품 조회
    public List getGoodsReturnList(String martCode){
        return goodsReturnMapper.getGoodsReturnList(martCode)
    };
    }
    //반품 검색
    public List getSearchGoodsReturnList(String martCode, String searchKey, String searchValue, String startDt, String endDt){
        return goodsReturnMapper.getSearchGoodsReturnList(martCode, searchKey, searchValue, startDt, endDt);
    }
    //월별 건수 및 금액 조회
    public List<Map<String, Object>> getReturnPriceTotalInfo(String martCode){
        return goodsReturnMapper.getReturnPriceTotalInfo(martCode);
    }
}
```

■ Mapper

```
    //반품 조회
    public List getGoodsReturnList(String martCode);
    //반품 검색
    public List getSearchGoodsReturnList(String martCode, String searchKey, String searchValue, String startDt, String endDt);
    //월별 매출 및 건수
    public List<Map<String, Object>> getReturnPriceTotalInfo(String martCode);
}
```

■ Mapper(SQL)

```
<?xml version="1.0" encoding="UTF-8"?>
DOCTYPE mapper
  PUBLIC "-//mybatis.org//DTD Mapper 3.0//EN"
  "http://mybatis.org/dtd/mybatis-3-mapper.dtd">
<mapper namespace="k5.goodsjoc.mapper.GoodsReturnMapper">

    <resultMap type="GoodsReturn" id="goodsReturnResultMap">
        <result column="returnCode"
            property="returnCode"/>
    </resultMap>
</mapper>
```

```

        <result column="barcode"
property="barcode"/>
        <result column="returnQTY"
property="returnQTY"/>
        <result column="returnPrice"
property="returnPrice"/>
        <result column="note"
property="note"/>
        <result column="martCode"
property="martCode"/>
        <result column="ID"
property="ID"/>
        <result column="regDate"
property="regDate"/>

        <association javaType="Goods" property="goods">
            <id column="barcode"
property="barcode"/>
            <result column="goodsName"
property="goodsName"/>
        </association>
        <association javaType="Business" property="business">
            <id column="businessCode"
property="businessCode"/>
            <result column="businessName"
property="businessName"/>
        </association>
        <association javaType="User" property="user">
            <id column="ID"
property="ID"/>
            <result column="name"
property="name"/>
        </association>
    </resultMap>

    <select id="getGoodsReturnList" resultType="goodsReturn" resultMap="goodsReturnResultMap">
        SELECT
            g.goodsName,
            r.returnQTY,
            b.businessName,
            r.returnPrice,
            u.NAME,
            r.regDate
        FROM
            tb_goodsReturn AS r
        INNER JOIN
            tb_goods AS g
        ON
            r.barcode = g.barcode
    
```

```

INNER JOIN
    tb_business AS b
ON
    b.businessCode = g.businessCode
INNER JOIN
    tb_user AS u
ON
    r.ID = u.ID
</select>

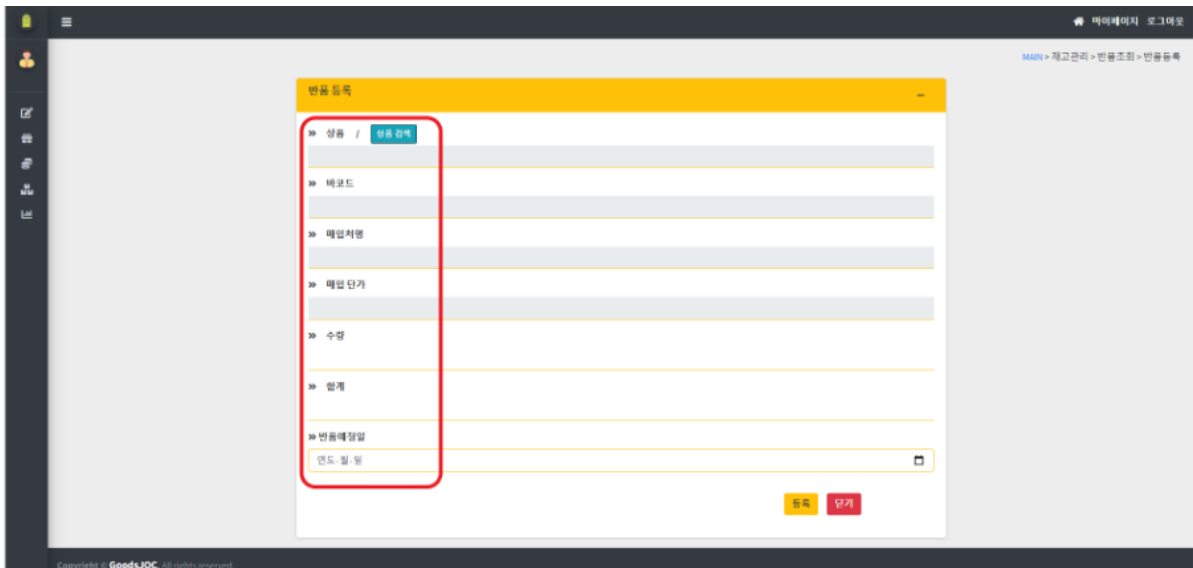
<select id="getSearchGoodsReturnList" resultType="goodsReturn" r
resultMap="goodsReturnResultMap">
    SELECT
        g.goodsName,
        r.returnQTY,
        b.businessName,
        r.returnPrice,
        u.NAME,
        r.regDate
    FROM
        tb_goodsReturn AS r
    INNER JOIN
        tb_goods AS g
    ON
        r.barcode = g.barcode
    INNER JOIN
        tb_business AS b
    ON
        b.businessCode = g.businessCode
    INNER JOIN
        tb_user AS u
    ON
        r.ID = u.ID
    WHERE
        r.martCode = #{martCode}
        <if test="searchValue
!= null and searchValue != ''.toString()">
            AND ${sear
chKey} LIKE CONCAT('%', #{searchValue}, '%')
        </if>
        <if test="startDt !=
null and startDt != ''.toString() and endDt != null and endDt != ''.toStrin
g()">
            AND r.regD
ate BETWEEN #{startDt} AND #{endDt}
        </if>
</select>

```

```
<select id="getReturnPriceTotalInfo" resultType="Map">
    SELECT
        SUM(returnPrice) AS returnSumPrice
        ,COUNT(*) AS returnPriceCnt
    FROM
        tb_goodsReturn
    WHERE
        martCode = #{martCode} AND MONTH(regDate) =
MONTH(NOW())
</select>

</mapper>
```

반품 등록



반품 등록

- 반품 정보 입력 후 등록 버튼 클릭 시 입력된 반품정보가 등록된다.
- 입력된 반품 정보를 반품 리스트 화면에서 보여준다.

■ Html(javascript)

```
DOCTYPE html>
<html xmlns:th="http://www.thymeleaf.org"
      xmlns:layout="http://www.ultraq.net.nz/thymeleaf/Layout"
      layout:decorate="@{/layout/default}">
<th:block layout:fragment="customTitle">
    <title>반품 등록</title>
</th:block>
<th:block layout:fragment="LocationTitle">
</th:block>
<th:block layout:fragment="LocationPlace">
    <a th:href="@{/main}">MAIN</a>
    > 재고관리 > 반품조회 > 반품등록
</th:block>
<th:block layout:fragment="customContents">

        <div class="col-md-7 mx-auto">
            <div class="card card-warning card-
tabs">
                <div class="card-header">
                    <h3 class="card-
title"><b>반품 등록</b></h3>
                <div class="card
-tools">
                    <butt
on type="button" class="btn btn-tool"
                    data-card-
widget="collapse" title="Collapse">
                        <i class="fas fa-minus"></i>
                    </but
ton>
                </div>
            </div>
            <form th:action="@{/stock_
management/goodsReturn/returnInsertAction}" method="POST" id="ReturnInsertAction"
class="form-horizontal">
                <div class="card-body">
                    <div class="form-group">
                        <label for="exampleInputBorderWidth2"><i class="fas fa-angle-
double-right"></i> 상품 / </label>
                        <button type="button" id="searchReturnBtn" class="btn-sm bg-
info disabled color-palette"
                            data-toggle="modal" data-target="#modal-default2">
                            <b>상품 검색</b>
                        </button>
                    </div>
                </div>
            </form>
        </div>
    </th:block>
</html>
```

```

        <div class="input-group-append">
            <input type="text" class="form-control form-control-
border border-warning" id="goodsNameInput" name="goodsName" readonly="readonly">
        </div>
    </div>

    <div class="form-group">
        <label for="exampleInputBorderWidth2"><i class="fas fa-angle-
double-right"></i> 바코드</label>
        <input type="text" class="form-control form-control-
border border-warning" id="barcodeInput" name="barcode" readonly="readonly">
    </div>

    <div class="form-group">
        <label for="exampleInputBorderWidth2"><i class="fas fa-angle-
double-right"></i> 매입처명</label>
        <input type="text" class="form-control form-control-
border border-
warning" id="businessNameInput" name="businessName" readonly="readonly">
    </div>

    <div class="form-group" style="display: none;">
        <label for="exampleInputBorderWidth2"><i class="fas fa-angle-
double-right"></i> 매입처코드</label>
        <input type="text" class="form-control form-control-
border border-
warning" id="businessCodeInput" name="businessCode" readonly="readonly">
    </div>

    <div class="form-group">
        <label for="exampleInputBorderWidth2"><i class="fas fa-angle-
double-right"></i> 매입 단가</label>
        <input type="text" class="form-control form-control-
border border-
warning" id="purchasePriceInput" name="purchasePrice" readonly="readonly">
    </div>

    <div class="form-group">
        <label for="exampleInputBorderWidth2"><i class="fas fa-angle-
double-right"></i> 수량</label>
        <input type="number" class="form-control form-control-
border border-warning" id="qtyInput" name="uncheckedQTY" >
    </div>

    <div class="form-group">
        <label for="exampleInputBorderWidth2"><i class="fas fa-angle-
double-right"></i> 합계</label>
        <input type="text" class="form-control form-control-
border border-warning" id="totalpricesInput">

```

```

        </div>

        <div class="form-group">
            <label for="exampleInputBorderWidth2"><i class="fas fa-angle-
double-right"></i> 반품예정일</label>
            <input type="date" class="form-control border-
warning" id="returnDateInput">
        </div>

        <div style="display:none">
            <input type="text" name="id
" th:value="{session.SID}" readonly>
            <input type="text" name="ma
rtCode" th:value="{session.SMARTCODE}" readonly>
        </div>
    </div>

    <div class="d-flex justify-content-
center" style="margin: 0cm 0cm 1cm 18cm">
        <button type="submit" style="margin-
left: 5px" class="btn btn-warning">
            <b>등록</b>
        </button>
        <a th:href="@{/stock_management/goodsReturn/returnList}" s
style="margin-left: 15px" class="btn btn-danger">
            <b>달기</b>
        </a>
    </div>
</form>
</div>
</div>
<form th:action="@{/stock_management/goodsReturn/returnInsertAction}" method="POS
T" id="goodsReturnInsertForm" class="form-horizontal">
<div class="modal content" id="modal-default2" style="display: none;" aria-
hidden="true">
    <div class="modal-dialog modal-lg">
        <div class="modal-content">
            <div class="modal-header bg-warning">
                <h4 class="modal-
title"><b>상품 검색</b></h4>
                <button type="button" class="close" da
ta-dismiss="modal" aria-label="Close">
                    <span aria-
hidden="true">x</span>
                </button>
            </div>
            <div class="modal-body mx-auto">
                <div id="example2_wrapper" class="data
Tables_wrapper dt-bootstrap4">

```

```

sm-15">
<div class="col-
<table style="width:100%" id="dataTableAjax2" class="text-center table table-
bordered dataTable dtr-inline"
role="grid" aria-
describedby="example2_info">
<thead>
<tr style="width:100%" role="row">
<th class="sorting sorting_asc" tabindex="0"
aria-controls="example2" style="text-align:center" rowspan="1" colspan="1"
aria-
label="Browser: activate to sort column descending" aria-sort="ascending">
바코드
</th>
<th class="sorting sorting_asc" tabindex="0"
aria-controls="example2" rowspan="1" colspan="1"
aria-
sort="ascending" aria-
label="Rendering engine: activate to sort column descending">
상품명
</th>
<th class="sorting sorting_asc" tabindex="0"
aria-controls="example2" rowspan="1" colspan="1"
aria-
label="Browser: activate to sort column descending" aria-sort="ascending">
매입처명
</th>
<th class="sorting sorting_asc" tabindex="0"
aria-controls="example2" rowspan="1" colspan="1"
aria-
label="Browser: activate to sort column descending" aria-sort="ascending">
상품가격
</th>

```



```

        $('#dataTableAjax2').DataTable({
            destroy: true,
            pageLength: 5,
            aLengthMenu: aLengthMenuArr
        },
        {
            ajax: {
                url: '/stock_management/goodsReturn/searchGoodsModal',
                type: 'POST',
                dataSrc: function(data){
                    console.log(JSON.stringify(data));
                    return data;
                }
            },
            columns: [
                { data: "barcode"},
                { data: "goodsName"},
                { data: "businessName"},
                { data: "purchasePrice"},
            ],
            columnDefs: [
                {
                    targets: [4],
                    orderable: false,
                    searchable: false,
                    render: function(data, type, row){
                        var htmlbtn2 = '<button type="button" data-dismiss="modal" class="btn btn-info goodsPickBtn" data-barcode="' + row.barcode + '" data-goodsName="' + row.goodsName + '" data-businessName="' + row.businessName + '" data-purchasePrice="' + row.purchasePrice + '">선택';

                        return htmlbtn2;
                    }
                }
            ]
        });
    });
    //상품 선택

```

```

$(document).on('click', '.goodsPickBtn', function(){
    console.log($(this));
    var barcodePick = $(this).attr('data-
barcode');
    var goodsNamePick = $(this).attr('data
-goodsName');
    var purchasePricePick = $(this).attr('
data-purchasePrice');
    var businessNamePick = $(this).attr('d
ata-businessName');

    $('#barcodeInput').val(barcodePick);
    $('#goodsNameInput').val(goodsNamePick
);
    $('#purchasePriceInput').val(purchaseP
ricePick);
    $('#businessNameInput').val(businessNa
mePick);
});
});
</script>
</th:block>

```

■ Controller

```

@GetMapping("/returnInsert")
public String returnInsert() {
    System.out.println("페이지: 반품 등록 ");
    System.out.println("경로: stock_management/goodsReturn
/returnInsert(GET 방식 성공) ");

    return "stock_management/goodsReturn/returnInsert";
}
//재고이동 모달
@PostMapping("/goodsReturnModal")
@ResponseBody
public List<Map<String, Object>> GoodsReturnModal(HttpServletRequest request) {

    HttpSession session = request.getSession();
    String sessionMartCode = (String) session.getAttribute("SMARTCODE");
}

```

```

        List<Map<String, Object>> returnModal = goodsReturnService.getGoodsReturnModal(sessionMartCode);

        return returnModal;
    }

    //반품등록후 반품리스트로 전환
    @PostMapping("/returnInsertAction")
    public String returnInsertAction(GoodsReturn goodsReturn) {
        System.out.println("반품등록처리 POST 방식:");
        System.out.println("입력받은 데이터: " + goodsReturn);
        goodsReturnService.addreturnAction(goodsReturn);

        return "redirect:/stock_management/goodsReturn/returnList";
    }

```

■ Service

```

//반품(상품) 모달
    public List<Map<String, Object>> getGoodsReturnModal(String martCode) {

        return goodsReturnMapper.getGoodsReturnModal(martCode);
    }

//반품 등록
    public int addreturnAction(GoodsReturn goodsReturn) {
        return goodsReturnMapper.addreturnAction(goodsReturn);
    }
;
}

```

■ Mapper

```

//반품(상품) 모달
    public List<Map<String, Object>> getGoodsReturnModal(String martCode);

//반품등록
    public int addreturnAction(GoodsReturn goodsReturn);

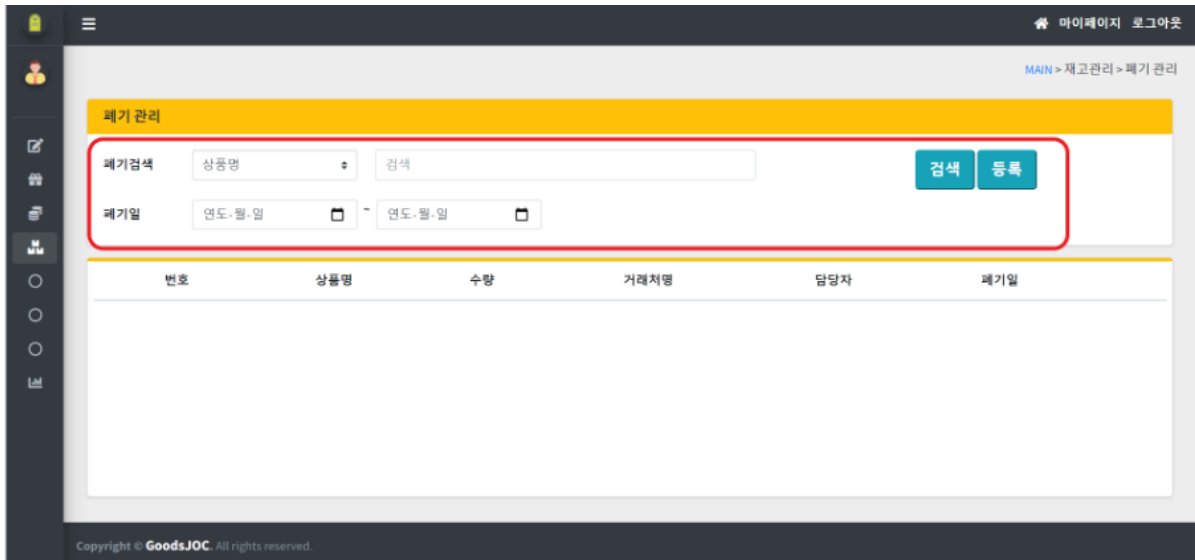
```

■ Mapper(SQL)

```

        <select id="getGoodsReturnModal" parameterType="String" resultType="Map">
            SELECT
                g.barcode AS barcode,
                (g.goodsTotalStock - g.uncheckedQTY) AS returnQTY,
                g.uncheckedQTY AS uncheckedQTY,
                b.businessName AS businessName,
                g.purchasePrice AS purchasePrice,
                g.businessCode AS businessCode
            FROM
                tb_goods AS g
            INNER JOIN
                tb_business AS b
            ON
                g.businessCode = b.businessCode
            WHERE
                g.martCode = #{martCode}
        </select>
    
```

폐기관리



폐기 관리

- 폐기 관리 화면을 보여준다.
- 폐기 조건 검색 및 조회가 가능하다.(본 화면에서는 폐기 품목 x)

■ Html(javascript)

```
DOCTYPE html>
<html xmlns:th="http://www.thymeleaf.org"
      xmlns:layout="http://www.ultraq.net.nz/thymeleaf/layout"
      layout:decorate="@{layout/default}">
<th:block layout:fragment="customTitle">
    <title>폐기 관리</title>
</th:block>
<th:block layout:fragment="LocationTitle">
</th:block>
<th:block layout:fragment="LocationPlace">
    <a th:href="@{/main}">MAIN</a>
    > 재고관리 > 폐기 관리
</th:block>
<th:block layout:fragment="customContents">
    <section class="content">
        <div class="container-fluid">
            <div class="col-12">
                <div class="card card-
warning card-tabs">
                    <div class="card-
header">
                        <h3 class=
"card-title">
<b>폐기 관리</b>
                    </h3>
                </div>
                <div class="card-
body">
                    <div class
="tab-content" id="custom-tabs-two-tabContent">
<form th:action="@{/stock_management/disposal/searchDisposalList}" method="
post">
<div class="row">
    <label class="col-sm-1 col-form-label">폐기검색</label>
    <div class="col-sm-2">
        <select name="searchKey" class="form-control custom-
select">
            <option value="goodsName">상품명</option>
```

```

        <option value="name">담당자</option>

        <option value="businessName">거래처명</opti
on>

        <option value="regDate">폐기일</option>

        </select>

    </div>

    <div class="input-group input-group-m" style="width: 500px;">

        <input type="text" name="searchValue" style="margin-
left: 3%"

                class="form-control float-
right" placeholder="검색">

    </div>

    <div style="margin-left: 15%">

        <button type="submit" class="btn-Lg btn-info">

            <b>검색</b>

        </button> <a href="disposalInsert">

            <button type="button" class="btn-Lg btn-
info">

                <b>등록</b>

            </button>

        </a>

    </div>

</div>

<div class="row" style="margin-top: 1%">

    <label class="col-sm-1 col-form-label">폐기일</label>

```



```

                <th>담당자</th>

                <th>폐기일</th>

                <th></th>

            </tr>

        </thead>

        <tbody>

            <tr th:if="{not #lists.isEmpty(disposalList)}" th:each="d, i : {disposalList}">

                <td th:text="{i.index+1}"></td>

                <td th:text="{d.goods.getGoodsName()}"></td>

                <td th:text="{d.disposalQTY}"></td>

                <td th:text="{d.business.getBusinessName()}"></td>

                <td th:text="{d.user.getName}"></td>

                <td th:text="{d.regDate}"></td>

                <td class="text-right py-0 align-middle">

                    <div class="btn-group btn-group-sm">

                        <a href="disposalUpdate" class="btn btn-info"><i

                            class

                            = "fas fa-eye"></i></a> <a href="#" class="btn btn-danger"

                            class

                            data-

                            toggle="modal" data-target="#exampleModalCenter"><i

                            class

                            = "fas fa-trash"></i></a>

                    </div>

                </td>

            </tr>

```



```

        </div>
    </div>
</section>
</th:block>
</html>

```

■ Controller

```

//폐기 검색
        @PostMapping("/searchDisposalList")
        public String getDisposalBySearch(HttpServletRequest request,
            @RequestParam(value="searchKey", required = false) String searchKey,
            @RequestParam(value="searchValue", required = false) String searchValue,
            @RequestParam(value="startDt", required = false) String startDt,
            @RequestParam(value="endDt", required = false) String endDt,
            Model model){
            System.out.println(searchKey);
            System.out.println(searchValue);

            HttpSession session = request.getSession();
            String sessionMartCode = (String) session.getAttribute("SMARTCODE");

            if(searchKey != null && "goodsName".equals(searchKey)) {
                searchKey = "goodsName";
            }else if(searchKey != null && "name".equals(searchKey)) {
                searchKey = "name";
            }else if(searchKey != null && "businessName".equals(searchKey)) {
                searchKey = "businessName";
            }

            List disposalList = disposalService.getDisposalBySearch(searchKey, searchValue, sessionMartCode, startDt, endDt);

            // 조회된 폐기 목록 model 에 값을 저장
            model.addAttribute("title", "폐기검색");
            model.addAttribute("disposalList", disposalList)
;

```

```

        return "stock_management/disposal/disposalList";
    }

    @GetMapping("/disposalList")
    public String disposalList(HttpServletRequest request, Model model) {
        System.out.println("페이지: 폐기 정보조회 ");
        System.out.println("경로: stock_management/disposal/disposalList(GET 방식 성공) ");

        HttpSession session = request.getSession();
        String sessionMartCode = (String) session.getAttribute("SMARTCODE");

        List disposalList = disposalService.getDisposalList(sessionMartCode);
        model.addAttribute("disposalList", disposalList);

        return "stock_management/disposal/disposalList";
    }

```

■ Service

```

//폐기 조회
    public List getDisposalList(String martCode){
        return disposalMapper.getDisposalList(martCode);
    }

//폐기 검색
    public List getDisposalBySearch(String searchKey, String searchValue,
String martCode, String startDt, String endDt) {
        return disposalMapper.getDisposalBySearch(searchKey, searchValue, martCode, startDt, endDt);
    }

```

■ Mapper(SQL)

```

<select id="getDisposalList" resultMap="DisposalResultMap">
    SELECT
        g.goodsName,
        d.disposalQTY,
        b.businessName,
        u.NAME,
        d.regDate
    FROM
        tb_disposal AS d

```

```

INNER JOIN
tb_goods AS g
ON
d.barcode = g.barcode
INNER JOIN
tb_business AS b
ON
g.businessCode = b.businessCode
INNER JOIN
tb_user AS u
ON
d.ID = u.ID

</select>

<select id="getDisposalBySearch" resultMap="DisposalResultMap">
    SELECT
        g.goodsName,
        d.disposalQTY,
        b.businessName,
        u.NAME,
        d.regDate
    FROM
        tb_disposal AS d
        INNER JOIN
        tb_goods AS g
        ON
        d.barcode = g.barcode
        INNER JOIN
        tb_business AS b
        ON
        g.businessCode = b.businessCode
        INNER JOIN
        tb_user AS u
        ON
        d.ID = u.ID
    WHERE
        d.martCode = #{martCode}
        <if test="searchValue != null and searchValue !=
''.toString()">
            AND ${searchKey} LIKE CONCAT('%', #{se
archValue}, '%')
        </if>
        <if test="startDt != null and startDt != ''.toSt
ring() and endDt != null and endDt != ''.toSt
ring()">
            AND d.regDate BETWEEN #{startDt} AND #
{endDt}
        </if>
</select>

```

폐기 등록

폐기 등록

•상품명
•수량
•거래처명
•담당자
•폐기일
연도-월-일

등록

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폐기 등록

- 폐기 정보를 입력 후 등록 버튼을 클릭시 입력된 정보가 등록된다.
- 입력된 폐기 정보를 폐기리스트에 보여준다.

■ Html(javascript)

```
DOCTYPE html>
<html xmlns:th="http://www.thymeleaf.org"
      xmlns:layout="http://www.ultraq.net.nz/thymeleaf/Layout"
      layout:decorate="@{layout/default}">
<th:block layout:fragment="customTitle">
  <title>폐기 등록</title>
</th:block>
<th:block layout:fragment="LocationTitle">
</th:block>
<th:block layout:fragment="LocationPlace">
  <a th:href="@{/main}">MAIN</a>
  > 재고관리 > 폐기관리 > 폐기등록
</th:block>
<th:block layout:fragment="customContents">
```

```

<section class="content">
  <div class="container-fluid">
    <div class="col">
      <div class="card card-warning">
        <div class="card-header">
          <h3 class="card-title"><b>폐기 등록</b></h3>
        </div>
        <div class="card-body">
          <div class="card-tools">
            <button type="button" class="btn btn-tool" data-card-widget="collapse" title="Collapse">
              <i class="fas fa-minus"></i>
            </button>
          </div>
          <div class="card-body">
            <div class="form-group">
              <label for="inputName"><code>*</code>상품명</label> <input type="text"
                id="inputName" class="form-control">
            </div>
            <div class="form-group">
              <label for="inputClientCompany"><code>*</code>수량</label> <input type="text"
                id="inputClientCompany" class="form-control">
            </div>
            <div class="form-group">
              <label for="inputStatus"><code>*</code>거래처명</label> <input type="text"
                id="inputClientCompany" class="form-control">
            </div>
            <div class="form-group">
              <label for="inputStatus"><code>*</code>담당자</label> <input type="text"
                id="inputClientCompany" class="form-control">
            </div>
          </div>
        </div>
      </div>
    </div>
  </div>
</section>

```

```

        </div>
        <div class="form-group">
            <label for="inputProjectLeader">폐기일</label> <input type="date"
                id="inputProjectLeader" class="form-control">
        </div>
        </div>
        <a href="disposalList"
            class="btn btn-m bg-info color-palette btn-block"><b>등록</b></a>
        </div>
    </div>
</section>

```

■ Controller

```

@GetMapping("/disposalInsert")
public String disposalInsert() {
    System.out.println("페이지: 폐기 등록 ");
    System.out.println("경로: stock_management/disposal/disposalInsert(GET 방식 성공) ");
    return "stock_management/disposal/disposalInsert";
}

```


매입 및 거래명세서

The screenshot displays a web application interface for managing purchases and transactions. The main area features a search filter section with fields for '공급처' (Supplier), '거래일' (Transaction Date), and '거래금액' (Transaction Amount). Below this is a table listing purchase records with columns for '주문번호' (Order No.), '공급처' (Supplier), '매입금액' (Purchase Amount), '상태' (Status), '거래상세' (Transaction Details), '매입일시' (Purchase Time), and '담당자' (Staff). A red box highlights the search filters, and another red box highlights the '거래명세서' (Transaction Statement) button. A red arrow points from this button to a detailed transaction statement window on the right. The transaction statement shows a summary of the transaction, including the supplier name, amount, and payment method.

매입 및 거래명세서

- 매입 정보를 조회가 보여진다.
- 매입 조건 검색이 가능하다.
- 월 매입 건수와 월 총 매입금을 보여준다.
- 거래명세서 버튼 클릭 시 해당 거래명세서를 보여준다.

■ Html(javascript)

```

DOCTYPE html>
<html xmlns:th="http://www.thymeLeaf.org"
      xmlns:layout="http://www.ultraq.net.nz/thymeLeaf/L
      ayout"
      layout:decorate="@{layout/default}">
<th:block layout:fragment="customTitle">
  <title>매입 관리</title>
</th:block>
<th:block layout:fragment="LocationTitle">

```

```

</th:block>
<th:block layout:fragment="LocationPlace">
  <a id="main" th:href="@{/main}" class="joc-
text1"><b>MAIN</b></a>
  > 거래관리 > 매입조회
</th:block>

<th:block layout:fragment="customContents">
  <div class="card card-warning">
    <div class="card-header">
      <h3 class="card-
title">
        <b>매입정
보조회</b>
      </h3>
    </div>
    <div class="card-body table-
responsive">
      <form th:action="@{/t
rade_management/purchase/searchPurchaseList}" method=
"post">
        <div class
="tab-content row" id="custom-tabs-two-tabContent">
<div class="col-10">
      <div class="form-group row">
        <label class="col-sm-1 col-
form-label">공급처</label>
        <div class="col-sm-3">
          <div style="display:n
one">
            <label>거
래처코드</label>
            <div class
="col-sm-10">
              <input type="text" class="form-
control" name="businessCode" id="businessCodeInput">
            </div>
          </div>
        </div>
      </div>
    </div>
  </div>

```

```

        <div class="input-
group">

                <input typ
e="text" id="businessNameInput" class="form-
control text-center insertCheck" readonly>

                <div class
="input-group-append">

<button type="button" id="searchBusinessBtn" class="b
tn btn-default" data-toggle="modal" data-
target="#businessModal">

                <i class="fas fa-search"></i>

</button>

                </div>

                </div>

        </div>

        <div class="col-sm-1"></div>

                <label class="col-sm-1 col-
form-label">거래일</label>

                <div class="col-sm-2">

                        <input name="startDat
e" type="date" class="form-control text-center">

                </div>

                <div class="col-sm-1 text-
center">

                        <b>~</b>

                </div>

```

```

        <div class="col-sm-2">
            <input name="endDate"
type="date" class="form-control text-center">
        </div>
    </div>
    <div class="form-group row">
        <label class="col-sm-1 col-
form-label">담당자</label>
        <div class="col-sm-3">
            <div class="input-
group mb-2">
                <input typ
e="text" id="staffNameInput" class="form-
control text-center" readonly>
                <div style
="display:none">
<label>직원 아이디</label>
<div class="col-sm-10">
            <input type="text" class="form-
control" name="id" id="staffIdInput">
        </div>
    </div>
    <div class
="input-group-append">
        <button type="button" id="searchStaffBtn" class="btn
btn-default" data-toggle="modal" data-
target="#staffModal">

```

```
        <i class="fas fa-search"></i>
</button>
                                </div>
                        </div>
                </div>
        <div class="col-sm-
1"></div>
                <label class="col-sm-1 col-
form-label">거래금액</label>
                <div class="col-sm-2">
                        <input name="minPrice
" type="number" class="form-control text-
center" value=0>
                </div>
                <div class="col-sm-1 text-
center">
                        <b>~</b>
                </div>
                <div class="col-sm-2">
                        <input name="maxPrice
" type="number" class="form-control text-
center" value=0>
                </div>
        </div>
```

```

        <div class="form-group row" style="margin-
bottom: -10px;">

                <label class="col-sm-1 col-
form-label">상태</label>

                <div class="col-sm-2">

                        <select name="state"
class="form-control text-center">

                                <option va
lue="">전체보기</option>

                                <option va
lue="1">미수령</option>

                                <option va
lue="2">수령완료</option>

                        </select>

                </div>

                <div class="col-sm-1"></div>

                <label class="col-sm-1 col-
form-label text-center">주문번호</label>

                <div class="col-sm-2">

                        <input type="number"
name="orderNum" class="form-control text-center">

                </div>

                <div class="col-sm-1"></div>

                <div class="col-sm-2">

                        <button type="submit"
class="btn btn-block bg-gradient-warning btn-
Lg"><b>검색</b></button>

```

```

        </div>

        <div class="col-sm-1">

            <a th:href="@{/product_management/goods/goodsList}" type="button" class="btn btn-block bg-gradient-warning btn-lg">

                <i class="fas fa-redo-alt"></i>

            </a>

        </div>

    </div>

</div>

<div class="col-2" align="center" style="margin-bottom: -15px; margin-top: -5px; margin-left:-5px">

    <th:block th:if="{not #Lists.isEmpty(purchaseDatePrice)}" th:each="L : {purchaseDatePrice}">

        <div class="info-box mb-3 bg-info">

            <span class="info-box-icon bg-teal disabled color-palette elevation-1">

                <i class="fas fa-shopping-cart"></i>

            </span>

            <div class="info-box-content">

                <span class="info-box-text"> <b class="nowMonth"></b> 월 매입 건수</span>

                <span class="info-box-number"> <b th:text="{L.purchaseCnt}"></b> 건</span>

            </div>

```

```
        </div>

        <div class="info-box mb-3 bg-info" style="margin-top: -10px;">
            <span class="info-box-icon bg-teal elevation-1">
                <i class="fas fa-won-sign"></i>
            </span>
            <div class="info-box-content">
                <span class="info-box-text"> <b class="nowMonth"></b> 월 총매입금</span>
                <span class="info-box-number"> <b class="money" th:text="${L.purchasePrice}"></b></span>
            </div>
        </div>
    </div>
</th:block>
</div>
</div>
</form>
</div>
</div>

    <div class="card card-warning card-tabs">
        <div class="card-header p-0 pt-1"></div>

        <div class="card-body table-responsive p-0" style="max-height-: 500px;">
            <div class="col-12">
```



```

<table class="table table-hover text-nowrap text-center">
<thead>
<tr>
<th>주문번호</th>
<th>공급처</th>
<th>매입금액</th>
<th>상태</th>
<th>거래상세</th>
<th>매입일시</th>
<th>담당자</th>
</tr>
</thead>
<tbody>
<tr th:if="{not #lists.isEmpty(purchaseList)}" th:each="p : {purchaseList}">
<td th:text="{p.orderNum}"></td>
<td th:text="{p.business.getBusinessName()}"></td>
<td class="money" th:text="{p.totalOrderPrice}"></td>
<td class="delivery" th:text="{p.deliveryDate}"></td>
<td>
<button type="button"
id="orderDetailBtn" class="btn btn-outline-warning btn-xs"

```



```

                <span aria-
hidden="true">x</span>
            </button>
        </div>
</div>
<div class="modal-body">
    <div class="invoice p-3 mb-3">
        <div class="row no-print">
            <div class="col-12">
                <a href="#"
" rel="noopener" target="_blank"
class="btn btn-default float-right"> <i
class="fas fa-print"></i>Print
                </a>
                <button ty
pe="button" class="btn btn-primary float-right"
style="margin-right: 5px;">
                <i class="fas fa-download"></i> PDF
                </button>
            </div class
="invoice-col"
style="margin-bottom: 20px; font-size: 18px;">
            <div>
                <b>관리번호:</b> <span id="orderNum"> </spa
n>

```

```
</div>

<div>
    <b>거래일시:</b> <span id="purchaseDate"></
span>
</div>
    </div>
        </div>
            </div>
                </div>
                    <div class="row invoice-info">
                        <div class="col-sm-
1 invoice-col"></div>
                            <div class="col-sm-
3 invoice-col" style="margin-bottom: 10px;">
                                <table>
<thead>
    <tr>
        <th>구분</th>
    </tr>
</thead>
<tbody>
```

```
<tr>
    <th>사업장명</th>
</tr>
<tr>
    <th>사업자번호</th>
</tr>
<tr>
    <th>대표자</th>
</tr>
<tr>
    <th>연락처</th>
</tr>
<tr>
    <th>주소</th>
</tr>
</tbody>
</table>
```

```
        </div>

        <div class="col-sm-4 invoice-col">

            <table>

            <thead>

                <tr>

                    <th>공급 받는 자</th>

                </tr>

            </thead>

            <tbody>

                <tr>

                    <td th:text="${session.SMARTINF0.getMartName()}">사업장명</td>

                </tr>

                <tr>

                    <td th:text="${session.SMARTINF0.getRegisterNum()}">사업자번호</td>

                </tr>

                <tr>
```

```
                <td th:text="{session.SMARTINF
O.getPartnerName()}">대표자</td>

            </tr>

            <tr>

                <td th:text="{session.SMARTINF
O.getCaLLNum()}">연락처</td>

            </tr>

            <tr>

                <td th:text="{session.SMARTINF
O.getAddress()}">주소</td>

            </tr>

        </tbody>

    </table>

</div>

<div class="col-sm-
4 invoice-col">

    <table>

<thead>

    <tr>

        <th>공급처</th>

    </tr>
```

```
</thead>

<tbody id="businessTable">

</tbody>

</table>

</div>

</div>

<div class="row">

<div class="col-

12 table-responsive">

<table cla

ss="table table-striped text-center">

<thead>

<tr>

<th>번호</th>

<th>상품명</th>

<th>유형</th>

<th>단가</th>

<th>수량</th>
```



```
        <th>공급가액</th>

        <th>부가세</th>

        <th>합계</th>

    </tr>

</thead>

<tbody id="detailTable">

</tbody>

</table>

</div>

</div>

<div class="row">

    <div class="col-6">

        <p class="
Lead">

<b>결제 방법</b>

        </p>
```

```









<p class="
text-muted well well-sm shadow-none" style="margin-
top: 10px;">

<textarea class="form-
control" rows="3" placeholder="참고사항"></textarea>

</p>

</div>

<div class="col-6">

<p class="
Lead">

<b>총 결제금액</b>

</p>

<div class
="table-responsive">

<table class="table">

<tbody>

```

```
        <tr>
            <th style="width: 50%">공급가액:</th>
            <td id="totalSupplyPrice"></td>
        </tr>
        <tr>
            <th>부가세:</th>
            <td id="totalLVAT"></td>
        </tr>
        <tr>
            <th>총합계:</th>
            <td id="totalSumPrice"></td>
        </tr>
    </tbody>
</table>
</div>
</div>
```

```

        </div>
    </div>
</div>
<div class="modal-footer">
    <a href="purchaseList">
        <button type="button" class="btn btn-secondary">예</button>
    </a>
    <button type="button" class="btn btn-warning" data-dismiss="modal">아니오</button>
</div>
        </div>
    </div>
</div>
    </div>
    <div class="modal fade" id="businessModal" style="display: none;" aria-hidden="true">
        <div class="modal-dialog">
            <div class="modal-content">
                <div class="modal-header bg-warning">
                    <h4 class="modal-title">거래처 검색</h4>
                    <button type="button" class="close" data-dismiss="modal" aria-label="Close">
                        <span aria-hidden="true">x</span>
                    </button>
                </div>
                <div class="modal-body">
                    <div id="example2_wrapper" class="dataTable_wrapper dt-bootstrap4">

```

```

<div class="row">

    <div class="col-sm-12">

        <table style="width:100%" id="dataTableAjax2" class="text-center table-bordered table-hover dataTable dtr-inline"
            role="grid" aria-describedby="example2_info">

            <thead>

<tr style="width:540px;" role="row">

                <th class="sorting sorting_asc" tabindex="0" aria-controls="example2" rowspan="1" colspan="1"
                    aria-sort="ascending" aria-label="Rendering engine: activate to sort column descending">

                    구분</th>

                <th class="sorting sorting_asc" tabindex="0" aria-controls="example2" rowspan="1" colspan="1"
                    aria-label="Browser: activate to sort column descending"aria-sort="ascending">

                    거래처명

                </th>

                <th class="sorting sorting_asc" tabindex="0" aria-controls="example2" rowspan="1" colspan="1"
                    aria-label="Browser: activate to sort column descending"aria-sort="ascending">

```



```

</div>
<div class
="modal-body">
<div id="example2_wrapper" class="dataTables_wrapper
dt-bootstrap4">
    <div class="row">
        <div class="col-sm-12">
            <table style="width:1
00%" id="staffTable" class="text-center table table-
bordered table-hover dataTable dtr-inline"
                role=
"grid" aria-describedby="example2_info">
                <thead>
<tr style="width:540px;" role="row">
                    <th class="sorting sorting_asc" tabindex="
0" aria-controls="example2" rowspan="1" colspan="1"
                        aria-sort="ascending" aria-
label="Rendering engine: activate to sort column desc
ending">
                        권한</th>
                    <th class="sorting sorting_asc" tabindex="
0" aria-controls="example2" rowspan="1" colspan="1"
                        aria-
label="Browser: activate to sort column descending"ar
ia-sort="ascending">
                        이름
                    </th>
                    <th tabindex="0" rowspan="1" colspan="1">

```



```

        url: '/system_management/user/searchStaffM
odal',

        type: 'POST',

        dataSrc: function(data){
            console.log(JSON.stringify(data));

            return data;
        }
    },
    columns: [
        { data: "level.levelName"},
        { data: "name"},
        { data: ""},
    ],
    columnDefs: [
        {
            targets: [2],

            orderable : false,

            searchable : false,

            render : function(data, type, r
ow){

                var htmlbtn2 = '<butt
on type="button" data-dismiss="modal" class="btn btn-
info staffPickBtn" data-
staffName="'+ row.name +' " data-
staffId="'+ row.id +' ">선택';

                return htmlbtn2;

            }

        }
    ]
}

```

```

]
});
});

//직원 선택
$(document).on('click
', '.staffPickBtn', function(){
    var staffN
amePick = $(this).attr('data-staffName');
    var staffI
dPick = $(this).attr('data-staffId');
    $('#staffN
ameInput').val(staffNamePick);
    $('#staffI
dInput').val(staffIdPick);
});

//거래처리스트 조회 AJAX
$(document).on('click
', '#searchBusinessBtn', function(){
    var aLengt
hMenuArray = [];
    aLengthMen
uArray.push([5,10]);
    aLengthMen
uArray.push([5,10]);
    $('#dataTa
bleAjax2').DataTable({
destroy: true,
pageLength: 5,
aLengthMenu: aLengthMenuArray,
ajax: {
    url: '/basic_management/business/searchBus
inessModal',
    type: 'POST',
    dataSrc: function(data){
        console.log(JSON.stringify(data));
        return data;

```

```

    }
  },
  columns: [
    { data: "businessType"},
    { data: "businessName"},
    { data: "partnerName"},
    { data: "businessCode"}
  ],
  columnDefs: [
    {
      targets: [3],
      orderable : false,
      searchable : false,
      render : function(data, type, row){
        var htmlbtn2 = '<button type="button" data-dismiss="modal" class="btn btn-info businessPickBtn" data-businessCode="'+ row.businessCode +' " data-businessName="'+ row.businessName +' ">선택';
        return htmlbtn2;
      }
    }
  ]
});

$(document).on('click', '.businessPickBtn', function(){
  //거래처 선택

```

```

        var busine
ssCodePick = $(this).attr('data-businessCode');
        var busine
ssNamePick = $(this).attr('data-businessName');
        console.lo
g(businessCodePick);
        console.lo
g(businessNamePick);
        $('#busine
ssCodeInput').val(businessCodePick);
        $('#busine
ssNameInput').val(businessNamePick);
    });

    //배송상태
    var delivery = $('#de
livery')
    console.log(delivery)
;
    for(var i=0; i<delive
ry.length; i++){
        var delive
ryDate = new Date($(delivery[i]).text());
        var nowDat
e = new Date();
        if(deliver
yDate < nowDate){
            $(delivery[i]).text('수령완료').css('color', 'blue');
        }else{
            $(delivery[i]).text('미수령').css('color', 'red');
        }
    }

    //현재 월 표시하기
    var now = new Date();
    var nowMonth = now.ge
tMonth()+1;
    $('#.nowMonth').text(n
owMonth);

    //거래명세서 클릭시 데
이터 가져오기
    $(document).on('click
', '#orderDetailBtn', function(){
        var orderC
ode = $(this).attr('data-orderCode');

```

```

//매입정보
가져오기
var request
t = $.ajax({
url: '/trade_management/purchase/purchaseInfo',
method: 'POST',
data: {'orderCode' : orderCode},
dataType: 'json'
});
request.done(function(data){
console.log("매입: " + data);
//공급처 정보 넣어주기
var businessTable = $('#businessTable');
var businessName = data.business.businessName;
var regNum = data.business.registerNum;
var partnerName = data.business.partnerName;
var callNum = data.business.callNum;
var businessAddr = data.business.address;
//초기화
businessTable.empty();
//값 담기
businessTable.append("
" + businessName + "
");
businessTable.append("
" + regNum + "
");
businessTable.append("
" + partnerName + "
");

```

```

businessTable.append("
" + callNum + "
");

businessTable.append("
" + businessAddr + "
");

//주문번호 넣어주기
var orderNum = data.orderNum;
$('#orderNum').text(orderNum);

//날짜 넣어주기
var purchaseDate = data.purchaseDate;
$('#purchaseDate').text(purchaseDate);
});
//매입 상
세정보 가져오기
var detail
Request = $.ajax({
url: '/trade_management/purchase/purchaseDetailList',
method: 'POST',
data: {'orderCode' : orderCode},
dataType: 'json'
});
detailRequ
est.done(function(data){
console.log("매입상세: " + data);
var totalSupplyPrice = 0;
var totalVAT = 0;
var totalSumPrice = 0;
//초기화
$('#detailTable').empty();

```

```
//값 담기
```

```
for(var i=0; i<data.length; i++){
```

```
    $('#detailTable').append("
```

```
        "                "
```

```
" + (i+1) + "
```

```
                + data[i  
].goods.goodsName + "    i].goo
```

■ Controller

```
//매입화면 조건검색
    @PostMapping("/searchPurchaseList")
    public String searchPurchaseList(@RequestParam(value="businessCode", required=false) String businessCode,

                                     @RequestParam(value="startDate", required=false) String startDate,

                                     @RequestParam(value="endDate", required=false) String endDate,

                                     @RequestParam(value="id", required=false) String id,

                                     @RequestParam(value="minPrice", required=false) String minPrice,

                                     @RequestParam(value="maxPrice", required=false) String maxPrice,

                                     @RequestParam(value="state", required=false) String state,

                                     @RequestParam(value="orderNum", required=false) String orderNum,

                                     HttpServletRequest request, Model model) {
        //로그인 기준 마트코드
        HttpSession session = request.getSession();
        String sessionMartCode = (String) session.getAttribute("SMARTCODE");

        System.out.println("로그인한 유저기준 마트고유코드: " + sessionMartCode);

        //조회할 변수들을 담은 맵
        Map<String, Object> paramMap = new HashMap<String, Object>();

        paramMap.put("martCode", sessionMartCode);
        paramMap.put("businessCode", businessCode);
        paramMap.put("startDate", startDate);
        paramMap.put("endDate", endDate);
        paramMap.put("id", id);
        paramMap.put("minPrice", minPrice);
        paramMap.put("maxPrice", maxPrice);
        paramMap.put("state", state);
        paramMap.put("orderNum", orderNum);

        //매입금액 및 건수 조회
```



```

        List<Map<String, Object>> purchaseDatePrice = orderService.purchaseDatePrice(sessionMartCode);
        model.addAttribute("purchaseDatePrice", purchaseDatePrice);

        System.out.println(purchaseDatePrice);

        List purchaseList = orderService.searchPurchaseList(parameterMap);
        model.addAttribute("purchaseList", purchaseList);

        return "trade_management/purchase/purchaseList";
    }

    @PostMapping("/purchaseDetailList")
    @ResponseBody
    public List purchaseDetailList(@RequestParam(value="orderCode", required = false) String orderCode) {
        System.out.println("거래명세서 상세정보 Ajax");
        List result = orderService.getPurchaseDetailList(orderCode);

        return result;
    }

    @PostMapping("/purchaseInfo")
    @ResponseBody
    public Order purchaseInfo(@RequestParam(value="orderCode", required = false) String orderCode){
        System.out.println("거래명세서 정보 Ajax");
        Order result = orderService.getPurchaseInfoByOrderCode(orderCode);

        return result;
    }

    //매입관리 > 매입조회
    @GetMapping("/purchaseList")
    public String purchaseList(HttpServletRequest request, Model model) {
        System.out.println("페이지: 매입 조회");
        System.out.println("경로: trade_management/purchase/purchaseList(GET 방식 성공) ");

        HttpSession session = request.getSession();
        String sessionMartCode = (String) session.getAttribute("SMARTCODE");

        //매입금액 및 건수 조회

```

```

        List<Map<String, Object>> purchaseDatePrice = orderService.purchaseDatePrice(sessionMartCode);
        model.addAttribute("purchaseDatePrice", purchaseDatePrice);

        System.out.println(purchaseDatePrice);

        //거래 한줄 조회
        List purchaseList = orderService.getOrderPurchaseList(sessionMartCode);
        model.addAttribute("purchaseList", purchaseList);

        return "trade_management/purchase/purchaseList";
    }

```

■ Service

```

//매입내역 조회
    public List getOrderPurchaseList(String martCode) {
        return orderMapper.getOrderPurchaseList(martCode);
    }

```

■ Mapper(SQL)

```

    <select id="searchPurchaseList" parameterType="Map" resultType="Order" resultMap="OrderResultMap">
        SELECT
            o.orderCode,
            o.businessCode,
            o.orderNum,
            o.deliveryDate,
            o.state,
            o.purchaseDate,
            o.martCode,
            o.id,
            o.regDate,
            o.totalOrderPrice,
            b.businessName,
            o.ID,
            u.name
        FROM
            tb_order AS o
            INNER JOIN
            tb_business AS b
            ON o.businessCode = b.businessCode
    </select>

```

```

INNER JOIN
tb_user AS u
ON
o.ID = u.ID
WHERE
o.state = "승인" and o.martCode = #{martCode}
<if test="businessCode != null and businessCode != ''.toString()">
AND o.businessCode = #{businessCode}
</if>
<if test="startDate != null and startDate != ''.toString()">
AND o.purchaseDate >= #{startDate}
</if>
<if test="endDate != null and endDate != ''.toString()">
AND #{endDate} >= o.purchaseDate
</if>
<if test="id != null and id != ''.toString()">
AND o.ID = #{id}
</if>
<if test="minPrice != null and minPrice != ''.toString() and minPrice != 0">
AND o.totalOrderPrice >= #{minPrice}
</if>
<if test="maxPrice != null and maxPrice != ''.toString() and maxPrice != 0">
AND #{maxPrice} >= o.totalOrderPrice
</if>
<if test="state != null and state != ''.toString() and state == 1">
AND o.state > NOW()
</if>
<if test="searchState != null and searchState != ''.toString() and searchState == 1">
AND o.searchState > NOW()
</if>
<if test="orderNum != null and orderNum != ''.toString()">
AND o.orderNum = #{orderNum}
</if>
ORDER BY
o.orderNum ASC
</select>

```

상품등록

GoodsJOC

마이페이지 로그아웃

MAIN > 상품관리 > 등록

매장관리자 계정 (스마트마트 - 관리자)

기초관리 <

상품관리 >

카테고리

상품 등록

상품 조회

상품 주문

거래관리 <

재고관리 <

현황관리 <

상품 등록

바코드 사용여부 확인

카테고리 카테고리 조회

상품명

매입처 매입처 검색

세금유형

규격

단위

제조사

등록하기

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상품등록

- 바코드 중복체크를 해야 등록이 가능하다
- 필수표시(*)가 비어있으면 등록이 되지 않는다.

■ Html(javascript)

```
DOCTYPE html>
<html xmlns:th="http://www.thymeleaf.org"
      xmlns:layout="http://www.ultraq.net.nz/thymeleaf/layout"
      layout:decorate="@{/layout/default}">
<th:block layout:fragment="customTitle">
  <title>상품 등록</title>
</th:block>
<th:block layout:fragment="locationPlace">
  <a id="main" th:href="@{/main}" class="joc-text1"><b>MAIN</b></a>
  > 상품관리 > 등록
</th:block>
```

```

<th:block layout:fragment="customContents">

    <div class="row">
        <div class="col-9 mx-auto">
            <div class="card card-warning">
                <div class="card-header">
                    <h3 class="card-title">상품 등록</h3>
                </div>

                <form th:action="@{/product_management/goods/goodsInsertAction}" method="POST" id="goodsInsertForm" class="form-horizontal">
                    <div class="card-body">
                        <div class="form-group row">
                            <label for="barcodeInput" class="col-sm-2 col-form-label"><code>*</code>바코드</label>

                            <div class="input-group mb-2 col-sm-10">
                                <input type="text" id="barcodeInput" name="barcode" class="form-control text-center insertCheck">

                                <div class="input-group-append">
                                    <button type="button" id="barcodeCheckBtn" class="btn btn-info">
                                        사용여부 확인
                                    </button>
                                </div>
                            </div>
                        </div>
                        <div style="display:none">
                            <label>상품카테고리코드</label>
                            <div class="col-sm-10">
                                <input type="text" class="form-control" name="categoryCode" id="cateCodeInput">
                            </div>
                        </div>
                        <div class="form-group row">
                            <label for="cateNameInput" class="col-sm-2 col-form-label"><code>*</code>카테고리</label>

                            <div class="input-group mb-2 col-sm-10">
                                <input type="text" id="cateNameInput" class="form-control text-center insertCheck" readonly>

                                <div class="input-group-append">
                                    <button type="button" id="searchCategoryBtn" class="btn btn-info" data-toggle="modal" data-target="#modal-default">
                                        카테고리 조회
                                    </button>
                                </div>
                            </div>
                        </div>
                    </div>
                </form>
            </div>
        </div>
    </div>

```

```
        </div>
    </div>
    <div class="form-group row">
        <label for="goodsName" class="col-sm-2 col-form-
label"><code>*</code>상품명</label>

        <div class="col-sm-10">
            <input type="text" class="form-
control insertCheck" id="goodsName" name="goodsName">
        </div>
    </div>
    <div style="display:none">
        <label>거래처코드</label>
        <div class="col-sm-10">
            <input type="text" class="form-
control" name="businessCode" id="businessCodeInput">
        </div>
    </div>
    <div class="form-group row">
        <label for="businessNameInput" class="col-sm-2 col-form-
label"><code>*</code>매입처</label>

        <div class="input-group mb-2 col-sm-10">
            <input type="text" id="businessNameInput" class="for-
m-control text-center insertCheck" readonly>

            <div class="input-group-append">
                <button type="button" id="searchBusinessBtn"
class="btn btn-info" data-toggle="modal" data-target="#modal-default2">
                    매입처 검색
                </button>
            </div>
        </div>
    </div>
    <div class="form-group row">
        <label for="taxType" class="col-sm-2 col-form-
label"><code>*</code>세금유형</label>

        <div class="col-sm-10">
            <select class="form-
control insertCheck" id="taxType" name="taxType">

                <option value="과세">과세</option>
                <option value="비과세">비과세</option>

            </select>
        </div>
    </div>
    <div class="form-group row">
        <label for="weight" class="col-sm-2 col-form-
label">규격</label>

        <div class="col-sm-10">
```

```

        <input type="text" class="form-
control" id="weight" name="weight">
    </div>
</div>
<div class="form-group row">
    <label for="unit" class="col-sm-2 col-form-label">단위</label>
    <div class="col-sm-10">
        <input type="text" class="form-
control" id="unit" name="unit">
    </div>
</div>
<div class="form-group row">
    <label for="maker" class="col-sm-2 col-form-
label"><code>*</code>제조사</label>
    <div class="col-sm-10">
        <input type="text" class="form-
control insertCheck" id="maker" name="maker">
    </div>
</div>
<div style="display:none">
    <input type="text" name="id" th:value="{session.SID}" readonly>
    <input type="text" name="martCode" th:value="{session.SMA
RTCODE}" readonly>
</div>
</div>
<div class="card-footer">
    <button type="button" id="goodsInsertBtn" class="btn btn-warning float-
right">등록하기</button>
</div>
</form>
</div>
</div>
</div>
<div class="modal fade" id="modal-default" style="display:none;" aria-hidden="true">
    <div class="modal-dialog">
        <div class="modal-content">
            <div class="modal-header bg-warning">
                <h4 class="modal-title">상품 카테고리 검색</h4>
                <button type="button" class="close" data-dismiss="modal" aria-label="Close">
                    <span aria-hidden="true">x</span>
                </button>
            </div>
            <div class="modal-body">

```

```
<div id="example2_wrapper" class="dataTable_wrapper dt-bootstrap4">
    <div class="row">
        <div class="col-sm-12">
            <table style="width: 100%" id="dataTableAjax"
class="text-center table table-bordered table-hover dataTable dtr-inline"
                role="grid" aria-
describedby="example2_info">
                <thead>
                    <tr style="width: 540px;" role=
"row">
                        <th class="sorting so
rting_asc" tabindex="0" aria-controls="example2" rowspan="1" colspan="1"
sort="ascending" aria-label="Rendering engine: activate to sort column descending">
                            카테고리명<
                        <th tabindex="0" row
span="1" colspan="1">
                            선택하기
                        </th>
                    </tr>
                </thead>
            </table>
        </div>
    </div>
</div>

<div class="modal fade" id="modal-default2" style="display: none;" aria-hidden="true">
    <div class="modal-dialog">
        <div class="modal-content">
            <div class="modal-header bg-warning">
                <h4 class="modal-title">거래처 검색</h4>
                <button type="button" class="close" data-dismiss="modal" aria-label="Close">
                    <span aria-hidden="true">x</span>
                </button>
            </div>
            <div class="modal-body">
                <div id="example2_wrapper" class="dataTable_wrapper dt-bootstrap4">
                    <div class="row">
                        <div class="col-sm-12">
```



```

$(document).on('click', '#goodsInsertBtn', function(){
    if(checkCnt == 0){
        alert("바코드 사용여부를 확인해주세요")
        return false;
    }else{
        var checkList = $('#insertCheck')
        var nullCnt = 0;
        for(var i=0; i<checkList.length; i++){
            if($(checkList[i]).val().trim() == ""){
                nullCnt +=1
            }
        }
        if(nullCnt == 0){
            alert("상품이 등록되었습니다.");
            $('#goodsInsertForm').submit();
            return false;
        }else{
            alert("필수표시( *)가 체크된 입력칸을 채워주세요");
            return false;
        }
    }
});

//바코드 사용여부 체크
$(document).on('click', '#barcodeCheckBtn', function(){
    var barcodeCheck = $('#barcodeInput').val();

    if(typeof barcodeCheck != 'undefined' && barcodeCheck != null && barcodeCheck != ""){
        var request = $.ajax({
            url: '/product_management/goods/barcodeCheck',
            method: 'POST',
            data: {'barcode' : barcodeCheck},
            dataType: 'json'
        });
        request.done(function(data){
            if(data){
                alert("이미 사용하고 있는 바코드입니다.");
            }else{
                alert("사용 가능합니다.");
                $('#addBtn').prop('disabled', false);
                checkCnt += 1;
            }
        });
        request.fail(function(jqXHR, textStatus){

```

```

        alert("Request failed: " + textStatus)
    });
}
}
}
});

//카테고리 선택
$(document).on('click', '.catePickBtn', function(){
    var cateCodePick = $(this).attr('data-categoryCode');
    var cateNamePick = $(this).attr('data-categoryName');
    console.log(cateCodePick);
    console.log(cateNamePick);
    $('#cateCodeInput').val(cateCodePick);
    $('#cateNameInput').val(cateNamePick);
});

//카테고리 리스트 조회 Ajax
$(document).on('click', '#searchCategoryBtn', function(){
    var aLengthMenuArray = [];
    aLengthMenuArray.push([5,10]);
    aLengthMenuArray.push([5,10]);

    $('#dataTableAjax').DataTable({
        destroy: true,
        pageLength: 5,
        aLengthMenu: aLengthMenuArray,
        ajax: {
            url: '/product_management/goods/searchCategoryModal',
            type: 'POST',
            dataSrc: function(data){
                console.log(JSON.stringify(data));
                return data;
            }
        },
        columns: [
            { data: "categoryName"},
            { data: "categoryCode"}
        ],
        columnDefs: [
            {
                targets: [1],
                orderable : false,

```

```

        searchable : false,
        render : function(data, type, row){
            var htmlbtn = '<button type="button" data-
dismiss="modal" class="btn btn-info catePickBtn" data-categoryCode="' + row.categoryCode + "' data-
categoryName="' + row.categoryName + "'>선택';

            return htmlbtn;
        }
    }
}
});

});

//거래처리스트 조회 Ajax
$(document).on('click', '#searchBusinessBtn', function()){
    var aLengthMenuArray = [];
    aLengthMenuArray.push([5, 10]);
    aLengthMenuArray.push([5, 10]);

    $('#dataTableAjax2').DataTable({
        destroy: true,
        pageLength: 5,
        aLengthMenu: aLengthMenuArray,
        ajax: {
            url: '/basic_management/business/searchBusinessModal',
            type: 'POST',
            dataSrc: function(data){
                console.log(JSON.stringify(data));
                return data;
            }
        },
        columns: [
            { data: "businessType"},
            { data: "businessName"},
            { data: "partnerName"},
            { data: "businessCode"}
        ],
        columnDefs: [
            {
                targets: [3],
                orderable : false,
                searchable : false,
                render : function(data, type, row){
                    var htmlbtn2 = '<button type="button" data-
dismiss="modal" class="btn btn-info businessPickBtn" data-businessCode="' + row.businessCode + "' data-
businessName="' + row.businessName + "'>선택';

                    return htmlbtn2;
                }
            }
        ]
    });
}

```

```

        }
    }
    ]
    });
});

//거래처 선택
$(document).on('click', '.businessPickBtn', function(){
    var businessCodePick = $(this).attr('data-businessCode');
    var businessNamePick = $(this).attr('data-businessName');
    console.log(businessCodePick);
    console.log(businessNamePick);
    $('#businessCodeInput').val(businessCodePick);
    $('#businessNameInput').val(businessNamePick);
});
});
</script>
</th:block>
</html>

```

■ Controller

```

//상품관리 > 등록 페이지(최민중)
@GetMapping("/goodsInsert")
public String goodsInsert() {
    System.out.println("페이지: 상품 등록 ");
    System.out.println("경로: product_management/goods/goodsInsert(GET 방식 성공)");

    return "product_management/goods/goodsInsert";
}

@PostMapping("/goodsInsertAction")
public String goodsInsertAction(Goods goods) {
    System.out.println("상품등록처리 POST 방식:");
    System.out.println("입력받은 데이터: " + goods);
    goodsService.addGoodsAction(goods);

    return "redirect:/product_management/goods/goodsList";
}

```

■ Service

```

//상품등록
public int addGoodsAction(Goods goods) {
    return goodsMapper.addGoodsAction(goods);
}

```

```
//카테고리 선택모달
public List<Map<String, Object>> goodsCateModal() {
    return goodsMapper.goodsCateModal();
}
```

■ Mapper(SQL)

```
<insert id="addGoodsAction" parameterType="Goods">
    INSERT INTO tb_goods(
        barcode
        ,businessCode
        ,categoryCode
        ,weight
        ,unit
        ,maker
        ,taxType
        ,goodsName
        ,martCode
        ,ID
        ,regDate
    )VALUES (
        #{barcode}
        ,#{businessCode}
        ,#{categoryCode}
        ,#{weight}
        ,#{unit}
        ,#{maker}
        ,#{taxType}
        ,#{goodsName}
        ,#{martCode}
        ,#{id}
        ,NOW()
    )
</insert>

<select id="goodsCheckByBarcode" parameterType="String" resultType="int">
    SELECT
        COUNT(1)
    FROM
        tb_goods
    WHERE
        barcode = #{barcode};
</select>
```

상품카테고리

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번호	카테고리명	등록일	등록자	수정	삭제
1	난류	2022-01-17	최민중	수정하기	삭제하기
2	수산물	2022-01-02	정도혜	수정하기	삭제하기
3	육류	2022-01-02	오대성	수정하기	삭제하기
4	공산품	2022-01-02	정도혜	수정하기	삭제하기
5	김치	2022-01-02	오대성	수정하기	삭제하기
6	농산물	2022-01-02	정도혜	수정하기	삭제하기

카테고리 등록

- 세션정보를 통해 매장정보와 등록자가 표시된다.
- 조회화면과 등록 폼이 기본화면이며, 수정삭제를 통해 카테고리 관리가 가능하다.
- 📁 카테고리 삭제 시, 삭제한 카테고리에 포함되어 있던 상품들의 분류명은 미등록으로 변환된다.

■ Html(javascript)

```
DOCTYPE html>
<html xmlns:th="http://www.thymeleaf.org"
      xmlns:layout="http://www.ultraq.net.nz/thymeleaf/layout"
      layout:decorate="@{/layout/default}">

<th:block layout:fragment="customTitle">
  <title>상품 카테고리</title>
</th:block>
<th:block layout:fragment="locationPlace">
  <a id="main" th:href="@{/main}" class="joc-text1"><b>MAIN</b></a>
  > 상품관리 > 카테고리
</th:block>

<th:block layout:fragment="customContents">

  <div class="row">

    <div class="row col-9">
      <div class="col-12">
        <div class="card card-warning">
          <div class="card-header">
            <h3 class="card-title">카테고리 목록</h3>

            <div class="card-tools">
              <form th:action="@{/product_management/goods/searchGoodsCate}" method="post">
                <div class="input-group input-group-sm" style="width: 150px;">
                  <input type="text" name="searchCate" class="form-control float-right" placeholder="카테고리 찾기">
                  <div class="input-group-append">
                    <button type="submit" class="btn btn-default">
                      <i class="fas fa-search"></i>
                    </button>
                  </div>
                </div>
              </form>
            </div>
          </div>
          <div class="card-body table-responsive p-0">
            <table class="table table-head-fixed text-nowrap text-center">
              <thead>
                <tr>
                  <th>번호</th>
                  <th>카테고리명</th>
                </tr>
              </thead>
            </table>
          </div>
        </div>
      </div>
    </div>
  </div>
</th:block>
```



```

        <th>등록일</th>
        <th>등록자</th>
        <th>수정</th>
        <th>삭제</th>
    </tr>
</thead>
<tbody>
    <tr th:if="{not #lists.isEmpty(goodsCateList)}" th:each
= "l, i : {goodsCateList}">
        <td th:text="{i.index+1}"></td>
        <td th:text="{l.categoryName}"></td>
        <td th:text="{l.regDate}"></td>
        <td th:text="{l.user.getName()}"></td>
        <td>
            <button type="button" class="btn btn-
outline-primary btn-xs categoryModalBtn"
            data-toggle="modal" data-
target="#categoryUpdateModal"
            th:data-
categoryCode="{l.categoryCode}" th:data-categoryName="{l.categoryName}">수정하기</button>
        </td>
        <td>
            <button type="button" class="btn btn-
outline-danger btn-xs" th:data-cateCode="{l.categoryCode}"
            id="deleteBtn" data-
toggle="modal" data-target="#categoryDeleteModal">삭제하기</button>
        </td>
    </tr>
</tbody>
</table>
</div>
</div>
</div>
</div>
<div class="col-3">
    <div class="card card-warning">
        <div class="card-header">
            <h3 class="card-title">
                카테고리 등록
            </h3>
            <div class="card-tools">
                <button type="button" class="btn btn-tool" data-card-widget="collapse" title="Collapse">

```

```

        <i class="fas fa-minus"></i>
    </button>
</div>

    </div>

    <div class="card-body">
        <form th:action="@{/product_management/goods/goodsCateInsert}" method="POST">
            <div class="form-group">
                <label for="goodsCateName">
                    카테고리 명
                </label>
                <input type="text" class="form-control form-control-
border border-width-2"
                    id="goodsCateName" name="categoryName" placeholder="카테고리의 이름을 입력해주세요">
            </div>
            <div class="form-group">
                <label for="martName">
                    매장명
                </label>
                <input type="text" class="form-control rounded-2"
                    id="martName" th:value="{session.SMARTNAME}" readonly="readonly">
            </div>
            <div class="form-group">
                <label for="staffName">
                    등록자
                </label>
                <input type="text" class="form-control rounded-2" th:value="{session.SNAME}" readonly="readonly">
            </div>
            <div style="display:none">
                <input type="text" class="form-control rounded-2" name="id" th:value="{session.SID}">
                <input type="text" class="form-control rounded-2" name="martCode" th:value="{session.SMARTCODE}">
            </div>
            <button type="submit" class="btn btn-block bg-gradient-warning">등록하기</button>
        </form>
    </div>
</div>
</div>
</div>

```

```

<div class="modal fade" id="categoryDeleteModal" style="display: none;" aria-hidden="true">
  <div class="modal-dialog">
    <div class="modal-content">
      <div class="modal-header bg-danger">
        <h4 class="modal-title">경고</h4>
      </div>
      <div class="modal-body">
        <form id="deleteForm" th:action="@{/product_management/goods/goodsCateD
delete}" method="get">
          <div style="height:100px;">
            <div>
              <span>삭제시 데이터를 다시 되돌릴 수 없습니다.</sp
an>
            </div>
            <div>
              <span>정말 삭제하시겠습니까?</span>
            </div>
          </div>
          <div style="display:none;">
            <input type="text" id="categoryCode" name="categoryCode">
          </div>
          <div class="row">
            <div class="col-2"></div>
            <div class="col-3">
              <button type="button" class="btn btn-secondary btn-
block" data-dismiss="modal" aria-label="Close">
                <span aria-hidden="true">취소</span>
              </button>
            </div>
            <div class="col-2"></div>
            <div class="col-3">
              <button type="button" id="realDelete" class="btn btn-
danger btn-block">
                삭제하기
              </button>
            </div>
          </div>
          <div class="col-2"></div>
        </div>
      </form>
    </div>
  </div>
</div>
<div class="modal fade" id="categoryUpdateModal" style="display: none;" aria-hidden="true">

```

```

<div class="modal-dialog">
  <div class="modal-content">
    <div class="modal-header bg-warning">
      <h4 class="modal-title">카테고리 수정</h4>
      <button type="button" class="close" data-dismiss="modal" aria-label="Close">
        <span aria-hidden="true">x</span>
      </button>
    </div>
    <div class="modal-body">
      <form id="categoryUpdateForm" th:action="@{/product_management/goods/goodsCateUpdate}" method="POST">
        <div class="form-group">
          <label for="updateCategoryName">
            카테고리 명
          </label>
          <input type="text" class="form-control form-control-border border-width-2" id="updateCategoryName" name="categoryName">
        </div>
        <div class="form-group">
          <label for="updateMartName">
            매장명
          </label>
          <input type="text" class="form-control rounded-2" id="updateMartName" th:value="{session.SMARTNAME}" readonly="readonly">
        </div>
        <div class="form-group">
          <label for="updateStaffName">
            수정자
          </label>
          <input type="text" class="form-control rounded-2" id="updateStaffName" th:value="{session.SNAME}" readonly="readonly">
        </div>
        <div style="display:none">
          <input type="text" class="form-control rounded-2" id="updateCategoryCode" name="categoryCode">
          <input type="text" class="form-control rounded-2" name="id" th:value="{session.SID}">
          <input type="text" class="form-control rounded-2" name="martCode" th:value="{session.SMARTCODE}">
        </div>
        <button id="categorySubmitBtn" type="button" class="btn btn-block bg-gradient-warning">수정하기</button>
      </form>
    </div>
  </div>
</div>

```

```
</div>

</th:block>

<th:block layout:fragment="customJs">
  <script>
    $(function(){
      //삭제할 카테고리 코드 넘기기
      $(document).on('click', '#deleteBtn', function(){
        $('#categoryCode').val($(this).attr('data-cateCode'));
      });
      $(document).on('click', '#realDelete', function(){
        $('#deleteForm').submit();
        alert('삭제가 완료되었습니다.');
```

■ Controller

```
//상품관리 > 등록 페이지(최민중)
@GetMapping("/goodsInsert")
```

```

public String goodsInsert() {
    System.out.println("페이지: 상품 등록 ");
    System.out.println("경로: product_management/goods/goodsInsert(GET 방식 성공) ");

    return "product_management/goods/goodsInsert";
}

@PostMapping("/goodsInsertAction")
public String goodsInsertAction(Goods goods) {
    System.out.println("상품등록처리 POST 방식:");
    System.out.println("입력받은 데이터: " + goods);
    goodsService.addGoodsAction(goods);

    return "redirect:/product_management/goods/goodsList";
}

```

■ Service

```

//상품등록
public int addGoodsAction(Goods goods) {
    return goodsMapper.addGoodsAction(goods);
}

//카테고리 선택모달
public List<Map<String, Object>> goodsCateModal() {
    return goodsMapper.goodsCateModal();
}

```

■ Mapper(SQL)

```

<select id="getGoodsCateList" parameterType="String" resultMap="goodsCateResultMap">
    SELECT
        c.categoryCode, c.categoryName, c.martCode, c.ID, DATE(c.regDate) AS regDate
        ,u.name
    FROM
        tb_category AS c
        INNER JOIN
        tb_user AS u
        ON
        c.ID = u.ID
    WHERE
        c.martCode = #{martCode} AND categoryCode >0
    ORDER BY c.regDate DESC
</select>

```

```
<select id="getSearchGoodsCateList" resultType="GoodsCate" resultMap="goodsCateResultMap">
  SELECT
    c.categoryCode, c.categoryName, c.martCode, c.ID, DATE(c.regDate) AS regDate
    ,u.name
  FROM
    tb_category AS c
    INNER JOIN
    tb_user AS u
  WHERE
    c.martCode = #{martCode} AND c.categoryCode > 0
    <if test="searchCate != null and searchCate != ''>
      AND c.categoryName LIKE CONCAT('%', #{searchCate}, '%')
    </if>
  ORDER BY
    c.regDate DESC
</select>
```

```
<insert id="goodsCateInsertAction">
  INSERT INTO tb_category(
    categoryName, martCode, ID, regDate
  )VALUES (
    #{categoryName}
    ,#{martCode}
    ,#{id}
    ,NOW()
  )
</insert>
```

```
<update id="goodsCateUpdate">
  UPDATE
    tb_category
  SET
    categoryName = #{categoryName}
    ,regDate = NOW()
    ,ID = #{id}
  WHERE
    categoryCode=#{categoryCode}
</update>
```

```
<delete id="goodsCateDeleteAction">
  DELETE FROM
    tb_category
```

```

WHERE
    categoryCode=#{categoryCode}
</delete>

<update id="updateGoodsCategoryCode">
UPDATE
    tb_goods
SET
    categoryCode=0
WHERE
    categoryCode=#{categoryCode}
</update>

```

상품조회

상品정보 조회

카테고리 매입가 ~

과세유형 판매가 ~

상품명

번호	카테고리	상품명	바코드	매입처	과세유형	재고량	매입단가	판매단가	마진	수정 및 삭제
1	육류	돼지삼겹	8893475473832	민수축산	과세	0	0	0	0	<input type="button" value="수정"/> <input type="button" value="삭제"/>
2	수산물	대구	8815348546123	다가수산	과세	20	15000	20000	5000	<input type="button" value="수정"/> <input type="button" value="삭제"/>
3	수산물	동태	8851244513355	다가수산	과세	0	0	0	0	<input type="button" value="수정"/> <input type="button" value="삭제"/>
4	수산물	갈치	8846123489945	다가수산	과세	1	20000	30000	10000	<input type="button" value="수정"/> <input type="button" value="삭제"/>
5	미지정	찰밥	8834985720985	농업회사 빙앗간	비과세	0	0	1000	0	<input type="button" value="수정"/> <input type="button" value="삭제"/>
6	미지정	녹두(안관것)	8849615894653	콩심은대콩나물	과세	0	0	0	0	<input type="button" value="수정"/> <input type="button" value="삭제"/>

상품 조회화면

- 상품에 대한 정보가 보이며 조건별로 검색이 가능하다.
- 관리자의 경우 상품의 판매가격을 조정할 수 있으며, 모든 직원이 상품을 수정하거나 삭제가 가능하다.
- 화면 내에서 카테고리나 상품을 등록하거나 상품을 주문하려 갈 수 있다.

■ Html(javascript)

```
DOCTYPE html>
<html xmlns:th="http://www.thymeleaf.org"
      xmlns:layout="http://www.ultraq.net.nz/thymeleaf/layout"
      layout:decorate="@{/layout/default}">

<th:block layout:fragment="customTitle">
  <title>상품 조회</title>
</th:block>
<th:block layout:fragment="locationPlace">
<a id="main" th:href="@{/main}" class="joc-a2"><b>MAIN</b></a>
  > 상품관리 > 조회
</th:block>

<th:block layout:fragment="customContents">

  <div class="card card-warning">
    <div class="card-header">
      <h3 class="card-title">
        <b>상품정보 조회</b>
      </h3>
    </div>
    <div class="card-body table-responsive">
      <form th:action="@{/product_management/goods/goodsList}" method="post">
        <div class="tab-content row" id="custom-tabs-two-tabContent">
          <div class="col-10">
            <div class="form-group row">
              <div class="col-1" style="display: none">
                <input type="text" id="cateCodeInput" name="searchC
category" class="form-control">
              </div>
              <label class="col-sm-1 col-form-label">카테고리</label>
              <div class="col-sm-3">
                <div class="input-group mb-2">
                  <input type="text" id="cateNameInput" class="
form-control text-center" readonly>
                  <div class="input-group-append">
                    <button type="button" id="searchCate
goryBtn" class="btn btn-default" data-toggle="modal" data-target="#modal-default">
                      <i class="fas fa-search"></i>
                    </button>
                  </div>
                </div>
              </div>
            <div class="col-sm-1"></div>
            <label class="col-sm-1 col-form-label">매입가</label>
            <div class="col-sm-2">
```

```

<input name="minPurchasePrice" type="number" class
="form-control text-center" value=0>
</div>
<div class="col-sm-1 text-center">
<b>~</b>
</div>
<div class="col-sm-2">
<input name="maxPurchasePrice" type="number" clas
s="form-control text-center" value=0>
</div>
</div>
<div class="form-group row">
<label class="col-sm-1 col-form-label">과세 유형</label>
<div class="col-sm-3">
<select name="searchTaxType" class="form-
control custom-select text-center">
<option value="">전체보기</option>
<option value="과세">과세</option>
<option value="비과세">비과세</option>
</select>
</div>
<div class="col-sm-1"></div>
<label class="col-sm-1 col-form-label">판매가</label>
<div class="col-sm-2">
<input name="minSalesPrice" type="number" class="f
orm-control text-center" value=0>
</div>
<div class="col-sm-1 text-center">
<b>~</b>
</div>
<div class="col-sm-2">
<input name="maxSalesPrice" type="number" class="f
orm-control text-center" value=0>
</div>
</div>
<div class="form-group row">
<label class="col-sm-1 col-form-label">상품명</label>
<div class="col-sm-5">
<input name="searchGoodsName" type="text" class="f
orm-control float-right">
</div>
<div class="col-sm-2"></div>
<div class="col-sm-2">
<button type="submit" class="btn btn-block bg-
gradient-warning btn-lg"><b>검색</b></button>
</div>
</div>

```

```

                <div class="col-sm-1">
                    <a th:href="@{/product_management/goods/goodsList}" type="button" class="btn btn-block bg-gradient-warning btn-lg">
                        <i class="fas fa-redo-alt"></i>
                    </a>
                </div>
            </div>
        </div>
        <div class="col-2" align="center">
            <a th:href="@{/product_management/goods/goodsCate}" class="btn btn-block bg-gradient-info btn-lg">카테고리등록</a>
            <a th:href="@{/product_management/goods/goodsInsert}" class="btn btn-block bg-gradient-info btn-lg">상품등록</a>
            <a th:href="@{/product_management/order/orderInsert}" class="btn btn-block bg-gradient-info btn-lg">상품주문</a>
        </div>
    </form>
</div>

<div class="card card-warning">
    <div class="card-header p-0 pt-1"></div>
    <div class="card-body table-responsive p-0">
        <table class="table table-head-fixed text-nowrap text-center">
            <thead>
                <tr>
                    <th>번호</th>
                    <th>카테고리</th>
                    <th>상품명</th>
                    <th>바코드</th>
                    <th>매입처</th>
                    <th>과세유형</th>
                    <th>재고량</th>
                    <th>매입단가</th>
                    <th>판매단가</th>
                    <th>마진</th>
                    <th>수정 및 삭제</th>
                </tr>
            </thead>
            <tbody>
                <tr th:if="{not #lists.isEmpty(goodsList)}" th:each="i, i : {goodsList}">
                    <td th:text="{i.index+1}"></td>

```

```

<td th:text="{l.goodsCate.getCategoryName()}">카테고리</td>
<td th:text="{l.goodsName}">상품명</td>
<td class="codePick" th:text="{l.barcode}"></td>
<td th:text="{l.business.getBusinessName()}">매입처</td>
<td th:text="{l.taxType}"></td>
<td th:text="{l.goodsTotalStock}">재고량</td>
<td id="purchasePrice" th:text="{l.purchasePrice}">매입단가</td>
<td th:text="{l.salesPrice}">판매단가</td>
<td th:text="{l.margin}">마진</td>
<td>
    <div class="btn-group btn-group-sm">
        <a th:href="@{/product_management/goods/goodsUpdate(barcode={l.barcode})}" class="btn btn-primary">
            <i class="fas fa-highlighter"></i>
        </a>
        <th:block th:if="{session.SLEVEL == '2'}">
            <a th:href="@{/product_management/goods/goodsPriceList(barcode={l.barcode})}" class="btn btn-info">
                <i class="fas fa-won-sign"></i>
            </a>
            <button type="button" id="goodsDeleteBtn" class="btn btn-danger" th:data-barcode="{l.barcode}" data-toggle="modal" data-target="#del-modal">
                <i class="fas fa-trash"></i>
            </button>
        </th:block>
    </div>
</td>
</tr>
</tbody>
</table>
</div>

<div class="modal fade" id="del-modal" style="display: none;" aria-hidden="true">
    <div class="modal-dialog">
        <div class="modal-content">
            <div class="modal-header bg-danger">
                <h4 class="modal-title">경고</h4>
            </div>
            <div class="modal-body">
                <form id="deleteForm" th:action="@{/product_management/goods/goodsDeleteAction}" method="get">
                    <div style="height:100px;">
                        <div>

```

```

        <span>삭제시 데이터를 다시 되돌릴 수 없습니다.</span>
    </div>
    <div>
        <span>정말 삭제하시겠습니까?</span>
    </div>
</div>
<div style="display:none">
    <input type="text" id="sendBarcode" name="sendBarcode">
</div>
<div class="row">
    <div class="col-2"></div>
    <div class="col-3">
        <button type="button" class="btn btn-secondary btn-
block" data-dismiss="modal" aria-label="Close">
            <span aria-hidden="true">취소</span>
        </button>
    </div>
    <div class="col-2"></div>
    <div class="col-3">
        <button type="button" id="realDelete" class="btn btn-
danger btn-block">
            삭제하기
        </button>
    </div>
</div>
</form>
</div>
</div>
</div>
</div>
<div class="modal fade" id="modal-default" style="display: none;" aria-hidden="true">
    <div class="modal-dialog">
        <div class="modal-content">
            <div class="modal-header bg-warning">
                <h4 class="modal-title">상품 카테고리 검색</h4>
                <button type="button" class="close" data-dismiss="modal" aria-label="Close">
                    <span aria-hidden="true">x</span>
                </button>
            </div>
            <div class="modal-body">
                <div id="example2_wrapper" class="dataTable_wrapper dt-
bootstrap4">

```



```

$(document).on('click', '.catePickBtn', function(){
    var cateCodePick = $(this).attr('data-categoryCode');
    var cateNamePick = $(this).attr('data-categoryName');
    console.log(cateCodePick);
    console.log(cateNamePick);
    $('#cateCodeInput').val(cateCodePick);
    $('#cateNameInput').val(cateNamePick);
});
//카테고리리스트 가져오기 Ajax
$(document).on('click', '#searchCategoryBtn', function(){
    var aLengthMenuArray = [];
    aLengthMenuArray.push([5, 10]);
    aLengthMenuArray.push([5, 10]);

    $('#dataTableAjax').DataTable({
        destroy: true,
        pageLength: 5,
        aLengthMenu: aLengthMenuArray,
        ajax: {
            url: '/product_management/goods/searchCategoryModal',
            type: 'POST',
            dataSrc: function(data){
                console.log(JSON.stringify(data));
                return data;
            }
        },
        columns: [
            { data: "categoryName"},
            { data: "categoryCode"}
        ],
        columnDefs: [
            {
                targets: [1],
                orderable : false,
                searchable : false,
                render : function(data, type, row){
                    var htmlbtn = '<button type="button" data-dismiss="modal" class="btn btn-info catePickBtn" data-categoryCode="'+ row.categoryCode +'" data-categoryName="'+ row.categoryName +'">선택';
                    return htmlbtn;
                }
            }
        ]
    });
});

```

```

    });
    </script>
</th:block>
</html>

```

■ Controller

```

    //상품관리 > 조회 페이지 (최민중)
    @GetMapping("/goodsList")
    public String goodsList(HttpServletRequest request, Model model) {
        System.out.println("페이지: 상품 조회 ");
        System.out.println("경로: product_management/goods/goodsList(GET 방식 성공) ");

        HttpSession session = request.getSession();
        String sessionMartCode = (String) session.getAttribute("SMARTCODE");

        List goodsCateList = goodsService.getGoodsCateList(sessionMartCode);
        model.addAttribute("goodsCateList", goodsCateList);
        System.out.println("model 에 담긴 상품카테고리: " + model);

        List goodsList = goodsService.getGoodsList(sessionMartCode);
        model.addAttribute("goodsList", goodsList);
        System.out.println("model 에 담긴 상품리스트: " + model);

        return "product_management/goods/goodsList";
    }

    //상품관리 > 조회 > 조건검색하기 (최민중)
    @PostMapping("/goodsList")
    public String goodsList(@RequestParam(value="searchCategory", required=false) String searchCategory,
                            @RequestParam(value="minPurchasePrice", required=false)
String minPurchasePrice,
                            @RequestParam(value="maxPurchasePrice", required=false)
String maxPurchasePrice,
                            @RequestParam(value="searchTaxType", required=false) Stri
ng searchTaxType,
                            @RequestParam(value="minSalesPrice", required=false) Strin
g minSalesPrice,
                            @RequestParam(value="maxSalesPrice", required=false) Stri
ng maxSalesPrice,
                            @RequestParam(value="searchGoodsName", required=false)
String searchGoodsName,
                            HttpServletRequest request, Model model) {
        System.out.println("페이지: 상품 조건검색");
        System.out.println("경로: product_management/goods/goodsList(POST 방식 성공)");
        System.out.println("카테고리조건: " + searchCategory);
        System.out.println("매입가시작조건: " + minPurchasePrice);

```



```

System.out.println("매입가끝조건: " + maxPurchasePrice);
System.out.println("세금유형조건: " + searchTaxType);
System.out.println("판매가시작조건: " + minSalesPrice);
System.out.println("판매가끝조건: " + maxSalesPrice);
System.out.println("상품이름조건: " + searchGoodsName);

//로그인 기준 마트코드
HttpSession session = request.getSession();
String sessionMartCode = (String) session.getAttribute("SMARTCODE");
System.out.println("로그인한 유저기준 마트고유코드: " + sessionMartCode);

//카테고리 목록
List goodsCateList = goodsService.getGoodsCateList(sessionMartCode);
model.addAttribute("goodsCateList", goodsCateList);
System.out.println("model 에 담긴 상품카테고리: " + model);

//조회할 변수들을 담은 맵
Map<String, Object> paramMap = new HashMap<String, Object>();
paramMap.put("searchCategory", searchCategory);
paramMap.put("minPurchasePrice", Integer.parseInt(minPurchasePrice));
paramMap.put("maxPurchasePrice", Integer.parseInt(maxPurchasePrice));
paramMap.put("searchTaxType", searchTaxType);
paramMap.put("minSalesPrice", Integer.parseInt(minSalesPrice));
paramMap.put("maxSalesPrice", Integer.parseInt(maxSalesPrice));
paramMap.put("searchGoodsName", searchGoodsName);
paramMap.put("martCode", sessionMartCode);
System.out.println("paramMap: " + paramMap);

List goodsList = goodsService.getSearchGoodsList(paramMap);
model.addAttribute("goodsList", goodsList);
System.out.println("모델에 담긴 goodsList: " + model);

return "product_management/goods/goodsList";
}

//상품정보 수정 페이지
@GetMapping("/goodsUpdate")
public String goodsUpdate(@RequestParam(value="barcode", required=false) String barcode, Model model) {
    System.out.println("barcode: " + barcode);

    Goods goodsInfo = goodsService.getGoodsInfoByBarcode(barcode);
    model.addAttribute("goodsInfo", goodsInfo);

    return "product_management/goods/goodsUpdate";
}

@GetMapping("/goodsDeleteAction")

```

```

public String goodsDeleteAction(@RequestParam(value="sendBarcode", required= false) String barcode) {
    goodsService.deleteGoods(barcode);

    return "redirect:/product_management/goods/goodsList";
}

```

■ Service

```

public List getGoodsList(String martCode){
    return goodsMapper.getGoodsList(martCode);
}

public List getSearchGoodsList(Map<String, Object> paramMap){
    return goodsMapper.getSearchGoodsList(paramMap);
}

//상품삭제
public int deleteGoods(String barcode) {
    return goodsMapper.deleteGoods(barcode);
}

//상품 정보 수정
public int goodsUpdateAction(Goods goods) {
    return goodsMapper.goodsUpdateAction(goods);
}

```

■ Mapper(SQL)

```

<resultMap type="Goods" id="goodsResultMap">
    <id column="barcode" property="barcode" />
    <result column="businessCode" property="businessCode" />
    <result column="categoryCode" property="categoryCode" />
    <result column="goodsName" property="goodsName" />
    <result column="weight" property="weight" />
    <result column="unit" property="unit" />
    <result column="maker" property="maker" />
    <result column="taxType" property="taxType" />
    <result column="purchasePrice" property="purchasePrice" />
    <result column="salesPrice" property="salesPrice" />
    <result column="margin" property="margin" />
    <result column="uncheckedQTY" property="uncheckedQTY" />
    <result column="warehouseStock" property="warehouseStock" />
    <result column="showcaseStock" property="showcaseStock" />
    <result column="goodsTotalStock" property="goodsTotalStock" />
    <result column="martCode" property="martCode" />
    <result column="ID" property="id" />

```

```

<result column="regDate"                property="regDate" />
<result column="deleteStatus"           property="deleteStatus" />

<association javaType="Business"        property="business">
    <id column="businessCode"            property="businessCode"/>
    <result column="businessName"        property="businessName"/>
</association>
<association javaType="GoodsCate"       property="goodsCate">
    <id column="categoryCode"            property="categoryCode"/>
    <result column="categoryName"        property="categoryName"/>
</association>
<association javaType="User"            property="user">
    <id column="ID"                      property="id" />
    <result column="name"                property="name"/>
</association>
</resultMap>

<update id="goodsUpdateAction">
    UPDATE
        tb_goods
    SET
        goodsName= #{goodsName}
        ,categoryCode = #{categoryCode}
        ,businessCode = #{businessCode}
        ,taxType = #{taxType}
        ,weight = #{weight}
        ,unit = #{unit}
        ,maker = #{maker}
    WHERE
        barcode=#{barcode}
</update>

<update id="deleteGoods">
    UPDATE
        tb_goods
    SET
        deleteStatus ='Y'
        ,categoryCode = 0
    WHERE
        barcode = #{barcode}
</update>

<select id="getSearchGoodsList" parameterType="Map" resultMap="goodsResultMap">

```

```

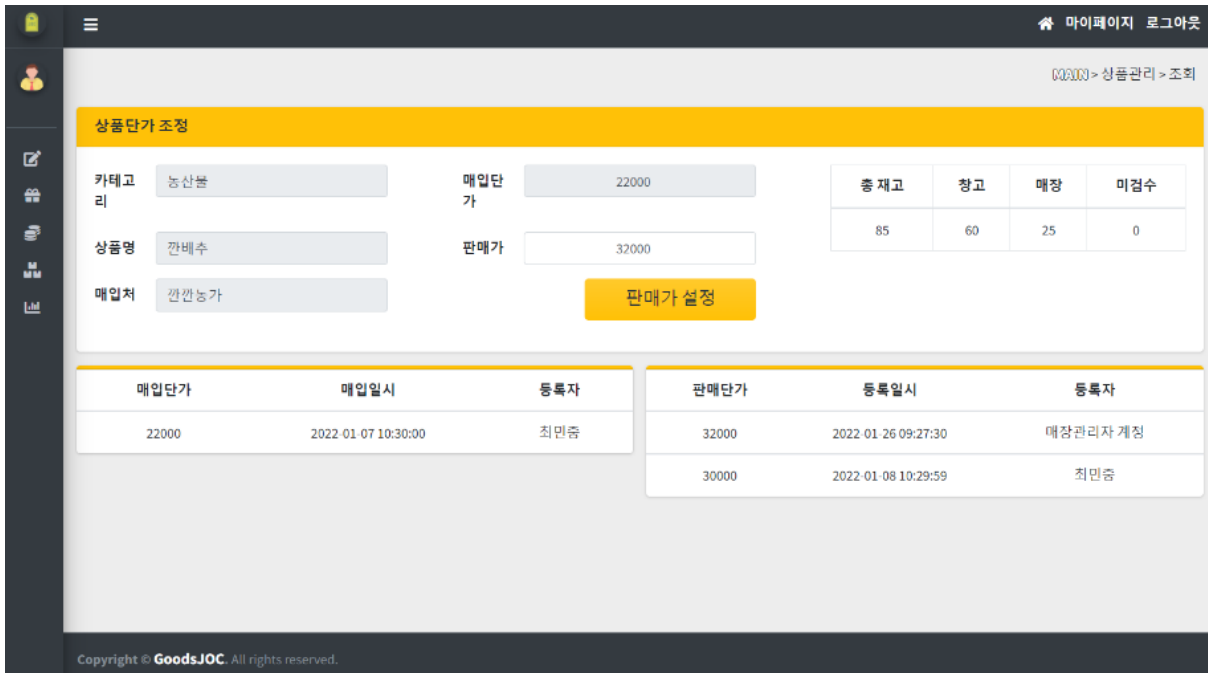
SELECT
    g.barcode, g.businessCode, g.categoryCode, g.goodsName, g.weight, g.unit
    , g.maker, g.taxType, g.purchasePrice, g.salesPrice, g.margin, g.uncheckedQTY
    , g.warehouseStock, g.showcaseStock, g.goodsTotalStock, g.martCode, g.ID,g.regDate
    , c.categoryName, b.businessName, u.name, g.deleteStatus
FROM
    tb_category AS c
    INNER JOIN
    tb_goods AS g
    on
    c.categoryCode = g.categoryCode
    INNER join
    tb_business AS b
    on
    g.businessCode = b.businessCode
    INNER join
    tb_user AS u
    ON
    g.ID = u.ID
<trim prefix="WHERE" prefixOverrides="AND |OR">
    <if test="searchCategory != null and searchCategory != ".toString()">
        AND g.categoryCode = #{searchCategory}
    </if>
    <if test="minPurchasePrice != null and minPurchasePrice != 0">
        AND g.purchasePrice >= #{minPurchasePrice}
    </if>
        <if test="maxPurchasePrice != null and maxPurchasePrice != 0">
            AND #{maxPurchasePrice} >= g.purchasePrice
        </if>
    <if test="searchTaxType != null and searchTaxType != ".toString()">
        AND g.taxType = #{searchTaxType}
    </if>
    <if test="minSalesPrice != null and minSalesPrice != 0">
        AND g.salesPrice >= #{minSalesPrice}
    </if>
    <if test="maxSalesPrice != null and maxSalesPrice != 0">
        AND #{maxSalesPrice} >= g.salesPrice
    </if>
    <if test="searchGoodsName != null and searchGoodsName != ".toString()">
        AND g.goodsName LIKE CONCAT('%', #{searchGoodsName}, '%')
    </if>
    <if test="martCode != null and martCode != ".toString()">
        AND g.martCode = #{martCode}
    </if>
    AND g.deleteStatus = 'N'

```

```
</trim>
</select>

<select id="getGoodsList" resultMap="goodsResultMap">
    SELECT
        g.barcode, g.businessCode, g.categoryCode, g.goodsName, g.weight, g.unit, g.maker
        , g.taxType, g.purchasePrice, g.salesPrice, g.margin, g.uncheckedQTY, g.warehouseStock
        , g.showcaseStock, g.goodsTotalStock, g.martCode, g.ID, g.regDate, g.deleteStatus
        , u.name, c.categoryName, b.businessName
    FROM
        tb_category AS c
        INNER JOIN
        tb_goods AS g
        on
        c.categoryCode = g.categoryCode
        INNER join
        tb_business AS b
        on
        g.businessCode = b.businessCode
        INNER join
        tb_user AS u
        ON
        g.ID = u.ID
    WHERE
        g.martCode = #{martCode} AND g.deleteStatus = 'N'
    ORDER BY
        g.regDate ASC
</select>
```

상품단가 조정



상품 단가 조정화면

- 상품의 판매 단가를 조정할수 있는 화면이다

📄 현재 상품의 재고가 보이며, 최근 매입한 가격과 등록된 판매가격을 참고할 수 있다.

■ Html(javascript)

```

DOCTYPE html>
<html xmlns:th="http://www.thymeleaf.org"
      xmlns:layout="http://www.ultraq.net.nz/thymeleaf/layout"
      layout:decorate="@{/layout/default}">

<th:block layout:fragment="customTitle">
  <title>상품 조회</title>
</th:block>
<th:block layout:fragment="locationPlace">
<a id="main" th:href="@{/main}" class="joc-a2"><b>MAIN</b></a>
  > 상품관리 > 조회
</th:block>

<th:block layout:fragment="customContents">

  <div class="card card-warning">
    <div class="card-header">
      <h3 class="card-title">
        <b>상품단가 조정</b>
    
```

```

        </h3>
    </div>
    <div class="card-body table-responsive">
        <form th:action="@{/product_management/goods/goodsPriceUpdate}" method="post">
            <div class="row">
                <th:block th:if="{not #lists.isEmpty(goodsInfo)}" th:each="l : {goodsInfo}">
                    <div class="tab-content col-8" id="custom-tabs-two-tabContent">
                        <div class="form-group row">
                            <label class="col-sm-1 col-form-
label">카테고리</label>

                            <div class="col-sm-1" style="display:none">
                                <input type="text" name="bar
code" th:value="{l.barcode}" class="form-control" readonly>
                            </div>
                            <div class="col-sm-4">
                                <input type="text" name="cat
egoryName" th:value="{l.goodsCate.getCategoryName()}" class="form-control" readonly>
                            </div>
                            <div class="col-sm-1"></div>
                            <label class="col-sm-1 col-form-
label">매입단가</label>

                            <div class="col-sm-4">
                                <input name="purchasePrice" type="n
umber" th:value="{l.purchasePrice}" readonly class="form-control text-center" value=0>
                            </div>
                        </div>
                    </div>
                <div class="form-group row">
                    <label class="col-sm-1 col-form-
label">상품명</label>

                    <div class="col-sm-4">
                        <input type="text" name="goo
dsName" th:value="{l.goodsName}" class="form-control" readonly>
                    </div>
                    <div class="col-sm-1"></div>
                    <label class="col-sm-1 col-form-
label">판매가</label>

                    <div class="col-sm-4">
                        <input name="salesPrice" th:value="{
{l.salesPrice}" type="number" class="form-control text-center" value=0>
                    </div>
                </div>
                <div class="form-group row">
                    <label class="col-sm-1 col-form-
label">매입처</label>

                    <div class="col-sm-4">
                        <input type="text" name="bus
inessName" th:value="{l.business.getBusinessName()}" class="form-control" readonly>
                    </div>
                </div>
            </div>
        </form>
    </div>

```

```

        </div>
        <div class="col-sm-3"></div>
        <div class="col-sm-3">
            <button type="submit" class="btn btn-
block bg-gradient-warning btn-lg">판매가 설정</button>
        </div>
    </div>
</div>
<div class="col-4">
    <div class="form-group">
        <table class="table table-bordered text-center">
            <thead>
                <tr>
                    <th>총 재고</th>
                    <th>창고</th>
                    <th>매장</th>
                    <th>미검수</th>
                </tr>
            </thead>
            <tbody>
                <tr>
                    <td th:text="{l.goodsTotalSto
ck}"></td>
                    <td th:text="{l.warehouseSto
ck}"></td>
                    <td th:text="{l.showcaseStoc
k}"></td>
                    <td th:text="{l.uncheckedQT
Y}"></td>
                </tr>
            </tbody>
        </table>
    </div>
</div>
</th:block>
</div>
</form>
</div>
</div>
<div class="row">
    <div class="col-6">
        <div class="card card-warning">
            <div class="card-header p-0 pt-1">
            </div>
            <div class="card-body table-responsive p-0">

```



```

<table class="table table-head-fixed text-nowrap text-center">
  <thead>
    <tr>
      <th>매입단가</th>
      <th>매입일시</th>
      <th>등록자</th>
    </tr>
  </thead>
  <tbody>
    <tr th:if="{not #lists.isEmpty(purchasePriceList)}" th:each="p :
    <td th:text="{p.purchasePrice}"></td>
    <td th:text="{p.regDate}"></td>
    <td th:text="{p.user.getName()}"></td>
  </tr>
  <tr th:unless="{not #lists.isEmpty(purchasePriceList)}">
    <td colspan="3">최근 거래내역이 없습니다.</c
ode></td>
  </tr>
</tbody>
</table>
</div>
</div>
</div>
<div class="col-6">
  <div class="card card-warning">
    <div class="card-header p-0 pt-1">
    </div>
    <div class="card-body table-responsive p-0">
      <table class="table table-head-fixed text-nowrap text-center">
        <thead>
          <tr>
            <th>판매단가</th>
            <th>등록일시</th>
            <th>등록자</th>
          </tr>
        </thead>
        <tbody>
          <tr th:if="{not #lists.isEmpty(salesPriceList)}" th:each="s : ${sa
lesPriceList}">
            <td th:text="{s.salesPrice}"></td>
            <td th:text="{s.regDate}"></td>
            <td th:text="{s.user.getName()}"></td>
          </tr>
          <tr th:unless="{not #lists.isEmpty(salesPriceList)}">

```

```

<td colspan="3"><code>판매가를 등록한 기록이 없습
니다.</code></td>
</tr>
</tbody>
</table>
</div>
</div>
</div>
</div>
</th:block>
</html>

```

■ Controller

```

//상품관리 > 조회 > 단가수정작업 (최민중)
@PostMapping("/goodsPriceUpdate")
public String goodsPriceUpdate(HttpServletRequest request, Goods goods, Model model) {
    System.out.println("페이지: 상품단가 변경액션 ");
    System.out.println("경로: product_management/goods/goodsPriceUpdate(Post 방식 성공) ");
    System.out.println("리스트에서 받은 바코드: " + goods.getBarcode());
    System.out.println("수정할 판매단가: " + goods.getSalesPrice());
    String barcode = goods.getBarcode();
    String salesPrice = goods.getSalesPrice();

    if(salesPrice != null && salesPrice != "").toString()) {
        //판매가 수정
        int updateSucess = goodsService.updateGoodsPrice(barcode, salesPrice);
        System.out.println("판매단가 수정 완료 ");

        if(updateSucess > 0) {
            System.out.println("판매단가 기록");
            //판매가 변경기록을 위한 Insert 매개변수 ID, MARTCODE
            HttpSession session = request.getSession();
            String sessionID = (String) session.getAttribute("SID");
            String sessionMartCode = (String) session.getAttribute("SMARTCODE");

            Map<String, Object> paramMap = new HashMap<String, Object>();
            paramMap.put("martCode", sessionMartCode);
            paramMap.put("ID", sessionID);
            paramMap.put("barcode", barcode);
            paramMap.put("salesPrice", salesPrice);

            //판매가 변경 기록하기

```

```

        goodsService.addSalesPrice(paramMap);

        return "redirect:/product_management/goods/goodsList";
    }
}

return "system_management/error/error500";
}

//상품관리 > 조회 > 단가조정 (최민중)
@GetMapping("/goodsPriceList")
public String goodsPriceList(@RequestParam(value="barcode", required= false) String barcode, Model model) {
    System.out.println("페이지: 상품단가 조정 ");
    System.out.println("경로: product_management/goods/goodsPriceList(GET 방식 성공)");
    System.out.println("리스트에서 받은 바코드: " + barcode);

    Goods goodsInfo = goodsService.getGoodsInfoByBarcode(barcode);
    model.addAttribute("goodsInfo", goodsInfo);

    List purchasePriceList = goodsService.getPurchasePriceListByBarcode(barcode);
    List salesPriceList = goodsService.getSalesPriceListByBarcode(barcode);
    model.addAttribute("purchasePriceList", purchasePriceList);
    model.addAttribute("salesPriceList", salesPriceList);

    return "product_management/goods/goodsPriceList";
}

```

■ Service

```

//단일상품 매입가 리스트
public List getPurchasePriceListByBarcode(String barcode) {
    return goodsMapper.getPurchasePriceListByBarcode(barcode);
}

//단일상품 판매가 리스트
public List getSalesPriceListByBarcode(String barcode) {
    return goodsMapper.getSalesPriceListByBarcode(barcode);
}

//상품 판매단가 수정
public int updateGoodsPrice(String barcode, String salesPrice) {
    return goodsMapper.updateGoodsPrice(barcode, salesPrice);
}

public int addSalesPrice(Map<String, Object> paramMap) {

```

```
        return goodsMapper.addSalesPrice(paramMap);
    }
```

■ Mapper(SQL)

```
<resultMap type="PurchasePrice" id="purchasePriceMap">
    <id column="martCode" property="martCode" />
    <id column="ID" property="id" />
    <id column="barcode" property="barcode" />
    <result column="IDX" property="idx" />
    <result column="regDate" property="regDate" />
    <result column="purchasePrice" property="purchasePrice" />

    <association javaType="Mart" property="mart">
        <id column="martCode" property="martCode" />
        <result column="martName" property="martName" />
    </association>
    <association javaType="User" property="user">
        <id column="ID" property="id" />
        <result column="name" property="name" />
    </association>
    <association javaType="Goods" property="goods">
        <id column="barcode" property="barcode" />
        <result column="goodsName" property="goodsName" />
    </association>
</resultMap>

<resultMap type="SalesPrice" id="salesPriceMap">
    <id column="martCode" property="martCode" />
    <result column="ID" property="id" />
    <result column="IDX" property="idx" />
    <result column="barcode" property="barcode" />
    <result column="regDate" property="regDate" />
    <result column="salesPrice" property="salesPrice" />

    <association javaType="Mart" property="mart">
        <id column="martCode" property="martCode" />
        <result column="martName" property="martName" />
    </association>
    <association javaType="User" property="user">
        <id column="ID" property="id" />
        <result column="name" property="name" />
    </association>
    <association javaType="Goods" property="goods">
        <id column="barcode" property="barcode" />
    </association>
```

```
        <result column="goodsName" property="goodsName"/>
    </association>
</resultMap>

<select id="getPurchasePriceListByBarcode" resultMap="purchasePriceMap">
    SELECT
        p.IDX, p.purchasePrice, p.regDate, u.name
    FROM
        tb_purchasePrice AS p
    INNER join
        tb_user AS u
    ON
        p.ID = u.ID
    WHERE
        p.barcode = #{barcode}
    ORDER BY
        p.regDate DESC
</select>

<select id="getSalesPriceListByBarcode" resultMap="salesPriceMap">
    SELECT
        s.IDX, s.salesPrice, s.regDate, u.name
    FROM
        tb_salesPrice AS s
    INNER join
        tb_user AS u
    ON
        s.ID = u.ID
    WHERE
        s.barcode = #{barcode}
    ORDER BY
        s.regDate DESC
</select>

<update id="updateGoodsPrice">
    UPDATE
        tb_goods
    SET
        salesPrice= #{salesPrice}
    WHERE
        barcode= #{barcode}
</update>
```

```
<insert id="addSalesPrice" parameterType="Map">
```

```
    INSERT INTO tb_salesPrice(
```

```
        barcode
```

```
        , salesPrice
```

```
        , martCode
```

```
        , ID
```

```
        , regDate
```

```
    )VALUES(
```

```
        #{barcode}
```

```
        ,#{salesPrice}
```

```
        ,#{martCode}
```

```
        ,#{ID}
```

```
        ,NOW()
```

```
    );
```

```
</insert>
```

회원가입

회원가입

*아이디

ID 중복 확인

*비밀번호

*비밀번호 확인

*이름

*생년월일

📅

*연락처

*Email

*주소

🔍 우편번호 찾기

*마트고유번호 *마트고유번호는 매장관리자와 상의하십시오

👉 로그인 화면으로 돌아가기

가입하기

회원가입

- 사용자를 등록할 수 있는 화면이다.

📄 초기 회원가입시 사용자의 권한은 비권한자로 가입한 매장의 기초정보만 조회할 수 있다.

■ Html(javascript)

```
DOCTYPE html>
<html xmlns:th="http://www.thymeleaf.org">

<title>GoodsJOC | 회원가입</title>
<th:block th:replace="fragments/head :: headFragment"></th:block>

<body style="background-color: #001F3F;">
  <div class="row justify-content-center" style="margin-top: 5%">
    <div class="col-md-7">
      <div class="card card-primary">
        <div class="btn-sm bg-warning btn-block card-header">
          <h4>
            <i class="fas fa-tags"></i>회원가입
          </h4>
        </div>
        <div class="card-body">
          <form id="userInsertForm" th:action="@{/system_management/user/userInsertA
action}" method="post">
            <div class="form-group">
              <label for="idInput"><code>*</code>아이디</label>
              <div class="input-group input-group">
                <input type="text" name="id" class="form-
control userInsert" id="idInput">
                <span class="input-group-append">
                  <button type="button" id="idCheckBtn" class="
btn btn-info btn-flat">ID 중복 확인</button>
                </span>
              </div>
            </div>
            <div class="form-group">
              <label for="pw"><code>*</code>비밀번호</label>
              <input type="password" name="pw" id="pwInput" class="form-
control userInsert">
            </div>
            <div class="form-group">
              <label for="pwCheck"><code>*</code>비밀번호 확인</label>
              <code id="pwOK" style="color: blue">비밀번호가 일치합니다.</
code>
              <code id="pwNO">비밀번호가 일치하지 않습니다.</code>
              <input type="password" id="pwCheck" class="form-
control userInsert">
            </div>
          </form>
        </div>
      </div>
    </div>
  </div>

```

```

<div class="form-group">
  <label for="nameInput"><code>*</code>이름</label>
  <input type="text" name="name" class="form-
control userInsert" id="nameInput">
</div>
<div class="form-group">
  <label for="birthInput"><code>*</code>생년월일</label>
  <input type="date" name="birthday" id="birthInput" class="form
-control userInsert">
</div>
<div class="form-group">
  <label for="phoneInput"><code>*</code>연락처</label>
  <input type="text" name="phone" id="phoneInput" class="form-
control userInsert">
</div>
<div class="form-group">
  <label for="emailInput"><code>*</code>Email</label>
  <input type="email" name="email" id="emailInput" class="form-
control userInsert">
</div>
<div class="form-group">
  <label for="addrDetail"><code>*</code>주소</label>
  <div class="form-group">
    <input type="text" class="form-
control addrInput" style="width: 40%; display: inline;"
id="sample6_postcode" placeholder="
우편번호" readonly>
    <button type="button" id="addrSearchBtn" class="btn b
tn-default" onclick="sample6_execDaumPostcode()">
      <i class="fa fa-search"></i> 우편번호 찾기
    </button>
  </div>
  <input type="text" class="form-
control addrInput userInsert" id="sample6_address" readonly="readonly">
</div>
<div class="form-group">
  <input type="text" class="form-
control addrInput userInsert" id="sample6_detailAddress" placeholder="상세 주소" >
</div>
<div class="form-group" style="display:none">
  <input type="text" class="form-
control userInsert" name="address" id="address" placeholder="환친 주소" >
</div>
<div class="form-group">
  <label><code>*</code>마트고유번호</label> <code>
※마트고유번호는 매장관리자와 상의하십시오</code>

```



```



```



```

        data: { 'userid' : idInput},
        dataType: 'json'
    });
    request.done(function(data){
        console.log(data);
        if(data){
            alert("이미 사용하고 있는 아이디입니다.");
        }else{
            alert("사용 가능한 아이디입니다.");
            idCheckCnt += 1;
        }
    });
}
}
});

//비밀번호 확인
$('#pwOK').hide();
$('#pwNO').hide();
$('#input').keyup(function(){
    var pw = $('#pwInput').val();
    var pwCheck = $('#pwCheck').val();
    if(pw != "" || pwCheck != ""){
        if(pw == pwCheck){
            $('#pwOK').show();
            $('#pwNO').hide();
            $('#insertBtn').removeAttr('disabled');
        }else{
            $('#pwOK').hide();
            $('#pwNO').show();
            $('#insertBtn').attr('disabled');
        }
    }
});

//주소 합치기
$('#addrInput').keyup(function(){
    addr1 = $('#sample6_postcode').val();
    addr2 = $('#sample6_address').val();
    addr3 = $('#sample6_detailAddress').val();
    $('#address').val(""+addr1+" "+addr2+" "+addr3);
});

//제이쿼리 끝!
});

```

```

</script>

<script src="//t1.daumcdn.net/mapjsapi/bundle/postcode/prod/postcode.v2.js"></script>
<script>
    function sample6_execDaumPostcode(){
    new daum.Postcode({
    oncomplete: function(data){
        // 팝업에서 검색결과 항목을 클릭했을때 실행할 코드를 작성하는 부분.

        // 각 주소의 노출 규칙에 따라 주소를 조합한다.
        // 내려오는 변수가 값이 없는 경우엔 공백( )값을 가지므로, 이를 참고하여 분기 한다.
        var addr = ""; // 주소 변수
        var extraAddr = ""; // 참고항목 변수

        //사용자가 선택한 주소 타입에 따라 해당 주소 값을 가져온다.
        if(data.userSelectedType === 'R'){ // 사용자가 도로명 주소를 선택했을 경우
            addr = data.roadAddress;
        }else{ // 사용자가 지번 주소를 선택했을 경우(J)
            addr = data.jibunAddress;
        }

        // 우편번호와 주소 정보를 해당 필드에 넣는다.
        document.getElementById('sample6_postcode').value = data.zonecode;
        document.getElementById("sample6_address").value = addr;
        // 커서를 상세주소 필드로 이동한다.
        document.getElementById("sample6_detailAddress").focus();
    }
    }).open();
    }
</script>
</body>
</html>

```

■ Controller

```

@PostMapping("/userInsertAction")
public String userInsertAction(User user) {
    System.out.println("페이지: 회원가입처리 ");
    System.out.println("경로: system_management/user/userInsertAction(POST 방식) ");
    System.out.println("입력받은 정보: " + user);
    int result = userService.userInsertAction(user);

    return "system_management/user/loginForm";
}

@GetMapping("/userInsert")
public String userInsert() {

```

```
System.out.println("페이지: 회원가입 ");
System.out.println("경로: system_management/user/userInsert(GET 방식 성공) ");

return "system_management/user/userInsert";
}
```

■ Service

```
public int userInsertAction(User user) {
    return userMapper.userInsertAction(user);
}

//사용자 아이디 중복체크
public int getUserById(String userId) {
    int result = 0;
    result += userMapper.getUserById(userId);
    return result;
}
```

■ Mapper(SQL)

```
<insert id="userInsertAction">
    INSERT INTO tb_user(
        ID
        ,PW
        ,name
        ,birthday
        ,phone
        ,email
        ,address
        ,martCode
        ,regDate
    )VALUES(
        #{id}
        ,#{pw}
        ,#{name}
        ,#{birthday}
        ,#{phone}
        ,#{email}
        ,#{address}
        ,#{martCode}
        ,NOW()
    )
</insert>

<select id="getUserById" parameterType="String" resultType="int">
```

```
SELECT
    COUNT(1)
FROM
    tb_user
WHERE
    ID = #{userId};

</select>
```

회원가입



로그인 화면
- 로그인을 할 수 있는 화면이다.

- Html(javascript)

```

DOCTYPE html>
<html xmlns:th="http://www.thymeleaf.org">
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<title>GoodsJOC | Login</title>
<link rel="stylesheet" th:href="@{https://fonts.googleapis.com/css?family=Source+Sans+Pro:300,400,400i,700&display=fa
llback}">
<link rel="stylesheet" th:href="@{/plugins/fontawesome-free/css/all.min.css}">
<link rel="stylesheet" th:href="@{/plugins/icheck-bootstrap/icheck-bootstrap.min.css}">
<link rel="stylesheet" th:href="@{/dist/css/adminlte.min.css}">
<link rel="stylesheet" th:href="@{/css/team5color.css}">
</head>
<body class="container login-page" style="background-color: #001F3F;">
    <div class="row main-login">
        <div class="col-md-5">
            <div class="text-center">
                <h1 style="color: #fff;"> Goods <b style="color: #ffff00;">JOC</b> </h1>
            </div>
            <div class="card">
                <div class="card-body login-card-body">
                    <p class="login-box-
msg"><span style="color:maroon;"><b>개발사</b> </span> 입장으로 로그인하기</p>
                    <form id="loginForm" th:action="@{/system_management/user/login}" method="
post">
                        <div class="input-group mb-3">
                            <input type="text" name="id" id="loginId" class="form-
control" value="swAdmin" placeholder="아이디">
                            <div class="input-group-append">
                                <div class="input-group-text">
                                    <i class="fas fa-user-circle"></i>
                                </div>
                            </div>
                        </div>
                        <div class="input-group mb-3">
                            <input type="password" id="loginPw" name="pw" class="form-
control" value="0000" placeholder="비밀번호">
                            <div class="input-group-append">
                                <div class="input-group-text">
                                    <span class="fas fa-lock"></span>
                                </div>
                            </div>
                        </div>
                        <div class="row">
                            <div class="col-8">
                                <div class="icheck-warning">
                                    <input type="checkbox" id="remember2">
                                    <label for="remember2"> 저장하기 </label>
                                </div>

```



```

        <i class="fas fa-user-circle"></i>
      </div>
    </div>
  </div>
<div class="input-group mb-3">
  <input type="password" id="loginPw2" name="pw" class="form-
control" value="0000" placeholder="비밀번호">
  <div class="input-group-append">
    <div class="input-group-text">
      <span class="fas fa-lock"></span>
    </div>
  </div>
</div>
<div class="row">
  <div class="col-8">
    <div class="icheck-warning">
      <input type="checkbox" id="remember2">
      <label for="remember2"> 저장하기 </label>
    </div>
  </div>
  <div class="col-4">
    <button id="loginBtn2" type="button" class="btn btn-
warning btn-block">로그인</button>
  </div>
</div>
</div>
</form>
<div class="social-auth-links text-center">
  <p>- OR -</p>
  <a th:href="@{/system_management/user/userInsert}" class="btn btn-
block btn-primary">
    <i class="fas fa-user-plus"></i> 회원가입
  </a>
  <a href="#" class="btn btn-block btn-danger">
    <i class="fab fa-sistrix"></i> 비밀번호 찾기
  </a>
</div>
<div class="social-auth-links text-center mb-3">
</div>
</div>
</div>
</div>

```

```

        <div class="col-2"></div>
    </div>

    <script th:src="@{/plugins/jquery/jquery.min.js}"></script>

    <script th:src="@{/plugins/bootstrap/js/bootstrap.bundle.min.js}"></script>

    <script th:src="@{/dist/js/adminlte.min.js}"></script>

    <script>
        $(function(){
            //로그인처리 전 로그인정보 일치여부체크
            $(document).on('click', '#loginBtn', function(){
                var loginId = $('#loginId').val();
                var loginPw = $('#loginPw').val();

                var request = $.ajax({
                    url: '/system_management/user/loginCheck',
                    method: 'POST',
                    data: {'loginId' : loginId, 'loginPw' : loginPw},
                    dataType: 'json'
                });
                request.done(function(data){
                    console.log("받은 값: " + data);
                    if(data == 0){
                        alert("아이디를 입력해주세요");
                    }else if(data == 1){
                        alert("일치하는 아이디가 없습니다");
                    }else if(data == 2){
                        alert("비밀번호를 입력해주세요");
                    }else if(data == 3){
                        alert("비밀번호가 일치하지 않습니다");
                    }else if(data == 4){
                        $('#loginForm').submit();
                    }
                });
                request.fail(function(jqXHR, textStatus){
                    alert("Request failed: " + textStatus)
                });
            });

            //화면이 두개라...
            $(document).on('click', '#loginBtn2', function){

```

```

var loginId2 = $('#loginId2').val();
var loginPw2 = $('#loginPw2').val();

var request = $.ajax({
    url: '/system_management/user/loginCheck',
    method: 'POST',
    data: {'loginId' : loginId2, 'loginPw' : loginPw2},
    dataType: 'json'
});
request.done(function(data){
    console.log("받은 값: " + data);
    if(data == 0){
        alert('아이디를 입력해주세요');
    }else if(data == 1){
        alert('일치하는 아이디가 없습니다');
    }else if(data == 2){
        alert('비밀번호를 입력해주세요');
    }else if(data == 3){
        alert('비밀번호가 일치하지 않습니다');
    }else if(data == 4){
        $('#loginForm2').submit();
    }
});
request.fail(function(jqXHR, textStatus){
    alert("Request failed: " + textStatus)
});
});
});

```

```

</script>
</body>
</html>

```

■ Controller

```

@GetMapping("/loginForm")
public String loginForm() {
    System.out.println("페이지: 로그인 화면 ");
    System.out.println("경로: system_management/user/loginForm(GET 방식 성공) ");

    return "system_management/user/loginForm";
}

@PostMapping("/login")
public String login(@RequestParam(value="id", required=false) String id,

```

```

        @RequestParam(value="pw", required=false) String pw, HttpSession s
ession) {
    System.out.println("페이지: 로그인처리 ");
    System.out.println("경로: system_management/user/loginForm(POST 방식) ");
    System.out.println("입력받은 ID: " + id);
    System.out.println("입력받은 PW: " + pw);

    if(id != null && !"".equals(id) && pw != null && !"".equals(pw)){
        User userInfo = userService.getUserInfoById(id);
        System.out.println("userInfo: " + userInfo);
        Mart martInfo = martService.getMartInfoByMartCode(userInfo.getMartCode());
        System.out.println("martInfo: " + martInfo);

        if(userInfo != null && userInfo.getPw() != null && pw.equals(userInfo.getPw())) {
            session.setAttribute("SID", userInfo.getId());
            session.setAttribute("SNAME", userInfo.getName());
            session.setAttribute("SMARTCODE", martInfo.getMartCode());
            session.setAttribute("SMARTNAME", martInfo.getMartName());
            session.setAttribute("SMARTINFO", martInfo);
            session.setAttribute("SLEVEL", userInfo.getLevelNum());
            session.setAttribute("SPHONE", userInfo.getPhone());
            if(userInfo.getLevelNum().equals("1")) {
                session.setAttribute("SLEVELNAME", "SW 관리자");
            }else if(userInfo.getLevelNum().equals("2")) {
                session.setAttribute("SLEVELNAME", "관리자");
            }else if(userInfo.getLevelNum().equals("3")) {
                session.setAttribute("SLEVELNAME", "매니저");
            }else if(userInfo.getLevelNum().equals("4")) {
                session.setAttribute("SLEVELNAME", "직원");
            }else if(userInfo.getLevelNum().equals("5")) {
                session.setAttribute("SLEVELNAME", "비권한자");
            }
            }

            System.out.println("로그인 성공");
            return "redirect:/main";
        }

    }

    System.out.println("로그인 실패");
    return "system_management/user/loginForm";
}

@PostMapping("/loginCheck")
@ResponseBody
public int loginCheck(@RequestParam(value="loginId", required=false) String id,
        @RequestParam(value="loginPw", required=false) String pw) {

```

```

System.out.println("입력받은 ID: " + id);
System.out.println("입력받은 PW: " + pw);
int result = 0;

if(id != null && !"".equals(id)) {
    User userInfo = userService.getUserInfoByID(id);

    if(userInfo != null && !"".equals(userInfo)) {
        if(pw != null && !"".equals(pw)) {
            if(pw.equals(userInfo.getPw())){
                //비번이 같은경우(로그인 성공)
                result = 4;
            }else {
                //비번이 틀린경우
                result = 3;
            }
        }else {
            //비번을 안 쓴경우
            result = 2;
        }
    }else{
        //아이디로 찾은 유저정보가 없는 경우
        result = 1;
    }
}else {
    //아이디를 안쓴경우
    result = 0;
}

return result;
}

```

■ Service

```

// 사용자 단일 정보조회
public User getUserInfoByID(String iD) {
    return userMapper.getUserInfoByID(iD);
}

```

■ Mapper(SQL)

```

<resultMap type="User" id="userResultMap">
    <id column="ID"                                property="id"/>
    <result column="PW"                             property="pw"/>
    <result column="name"                           property="name"/>

```

```

<result column="birthday"           property="birthday"/>
<result column="phone"              property="phone"/>
<result column="email"              property="email"/>
<result column="address"            property="address"/>
<result column="martCode"           property="martCode"/>
<result column="levelNum"           property="levelNum"/>
<result column="regDate"            property="regDate"/>
<result column="deleteStatus"       property="deleteStatus"/>

<association javaType="Level"       property="level">
  <id column="levelNum"              property="levelNum"/>
  <result column="levelName"         property="levelName" />
</association>
<association javaType="Mart"        property="mart">
  <id column="martCode"              property="martCode"/>
  <result column="martName"         property="martName" />
</association>
</resultMap>

<resultMap type="level" id="levelResultMap">
  <result column="levelNum"          property="levelNum" />
  <result column="levelName"         property="levelName" />
  <result column="note"              property="note"/>
</resultMap>

<select id="getUserInfoByID" parameterType="String" resultMap="userResultMap">
  SELECT
    u.ID, u.PW, u.name, u.birthday, u.phone, u.email, u.address, u.martCode, u.levelNum, u.regDate
    , l.levelName, m.martName, u.deleteStatus
  FROM
    tb_user as u
    INNER JOIN
    tb_systemLevel as l
    ON
    u.levelNum = l.levelNum
    INNER JOIN
    tb_mart as m
    ON
    u.martCode = m.martCode
  WHERE
    ID = #{id};

</select>

```