



**Android Project  
Team JOY**

조\*\* 이\*\* 조\*\* 이도희

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01

개요

- APP 개요
- 기획 의도

개요



APP TITLE

About APP

I'm(g) JOY 

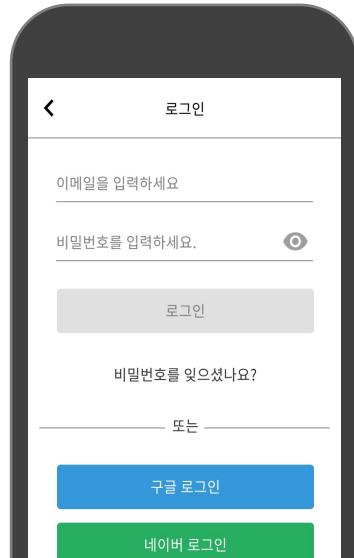
Image Market

# 개요

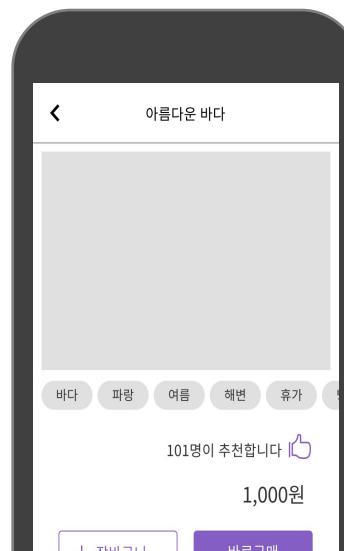


## Why Image Market

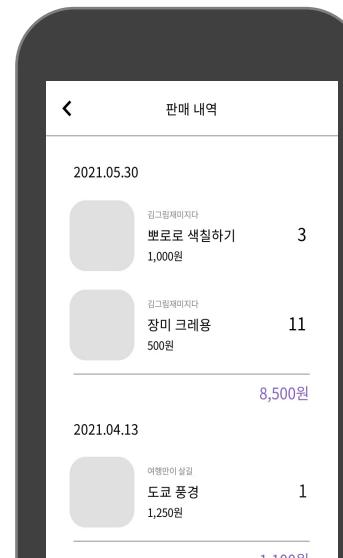
쉬운 접근성!



저렴한 가격!



간단히 수익 창출!



02

# 개발 일정

- 일정
- 인력 및 개발 조직도

# 개발일정

**6월**

SUN	MON	TUE	WED	THU	FRI	SAT
		15 프로젝트 시작 주제 선정 및 설계 / 화면 구현	16	17 계획 발표 R&D	18	19
20	21	22	23	24	25	26
27	28  최종 발표				<b>Working Day : 10일</b>	

# 인력 및 개발 조직도

## 이도희

나의 프로필 관련 Page  
데이터 관리  
UI, 디자인 및 화면 구현 통합  
동영상 편집  
DB

## 이\*\*

로그인 회원가입 관련 Page  
Search Page  
Git 및 Issue, version 관리  
DB

## 조\*\*

장바구니 Page  
구매 및 이미지 다운로드 Page  
PPT, 최종 발표  
DB

## 조\*\*

Main Page  
Image 상세 및 판매 등록 수정 Page  
준비 발표  
동영상 촬영  
DB

# 03

## 개발 기획

- **개발환경**
- **ERD**
- **EER**
- **Work Flow**

# 개발환경



## IDE

Android Studio 4.2.1, Eclipse2021-03 EE,  
Visual Studio Code

## Language

Java11, JSP

## Database

MySQL 8.0.23 - MySQL Workbench 8.0.23  
SQLite 3.34.1 - DB Browser for SQLite 3.12.2

## Server

Tomcat 8.5

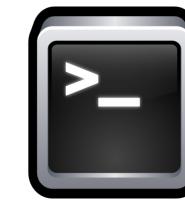
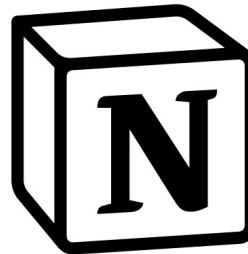
## 라이브러리 및 API

Cos.jar, glide:4.12.0, okhttp3, javax.mail,  
GoogleMap, material:1.3.0, lottie:3.0.7, firebase,  
kakao sdk

# 개발환경(협업Tool)

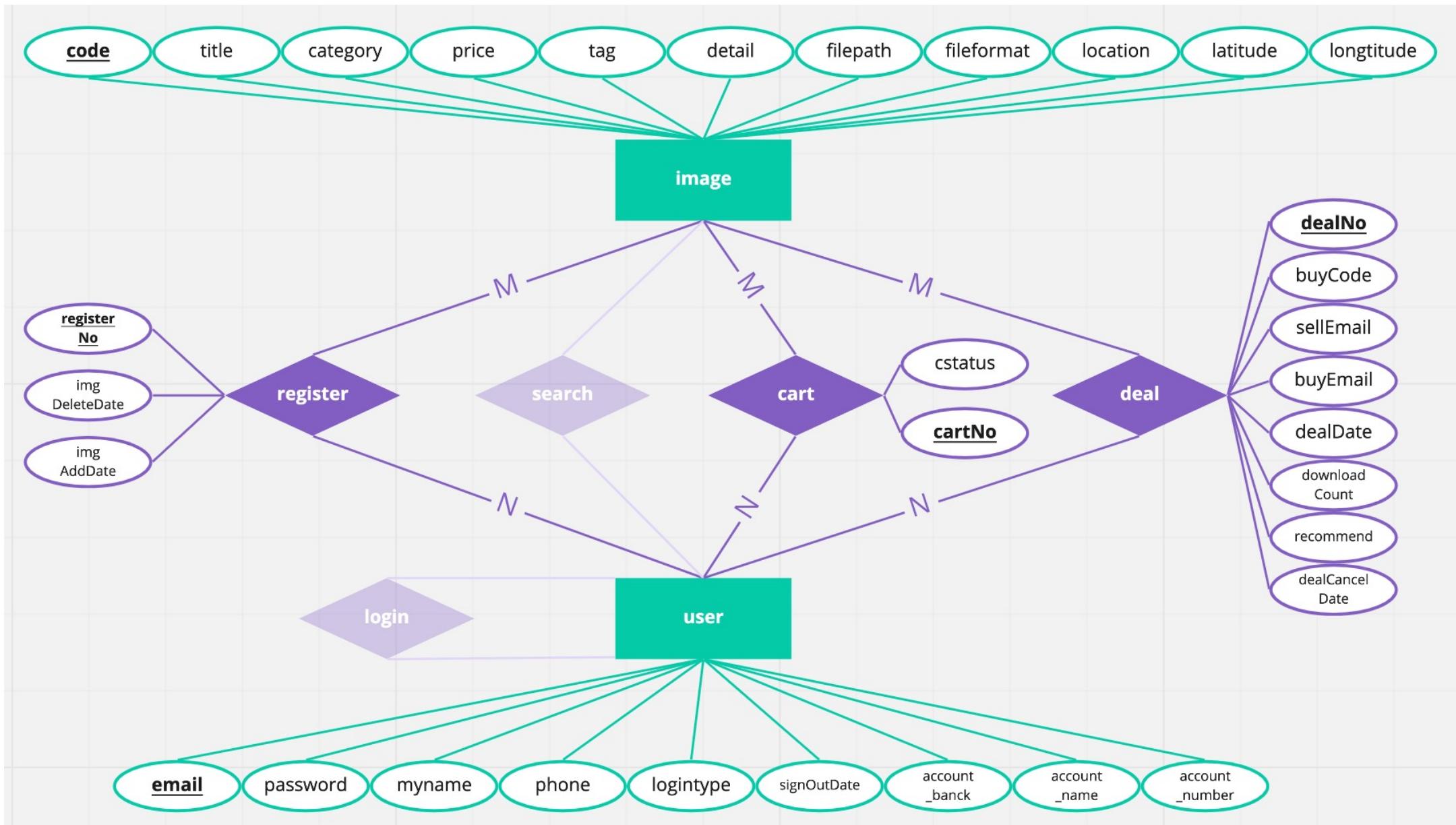
## 협업 Tool

**Slack, GitHub, Oven, Miro, Notion, Zoom**

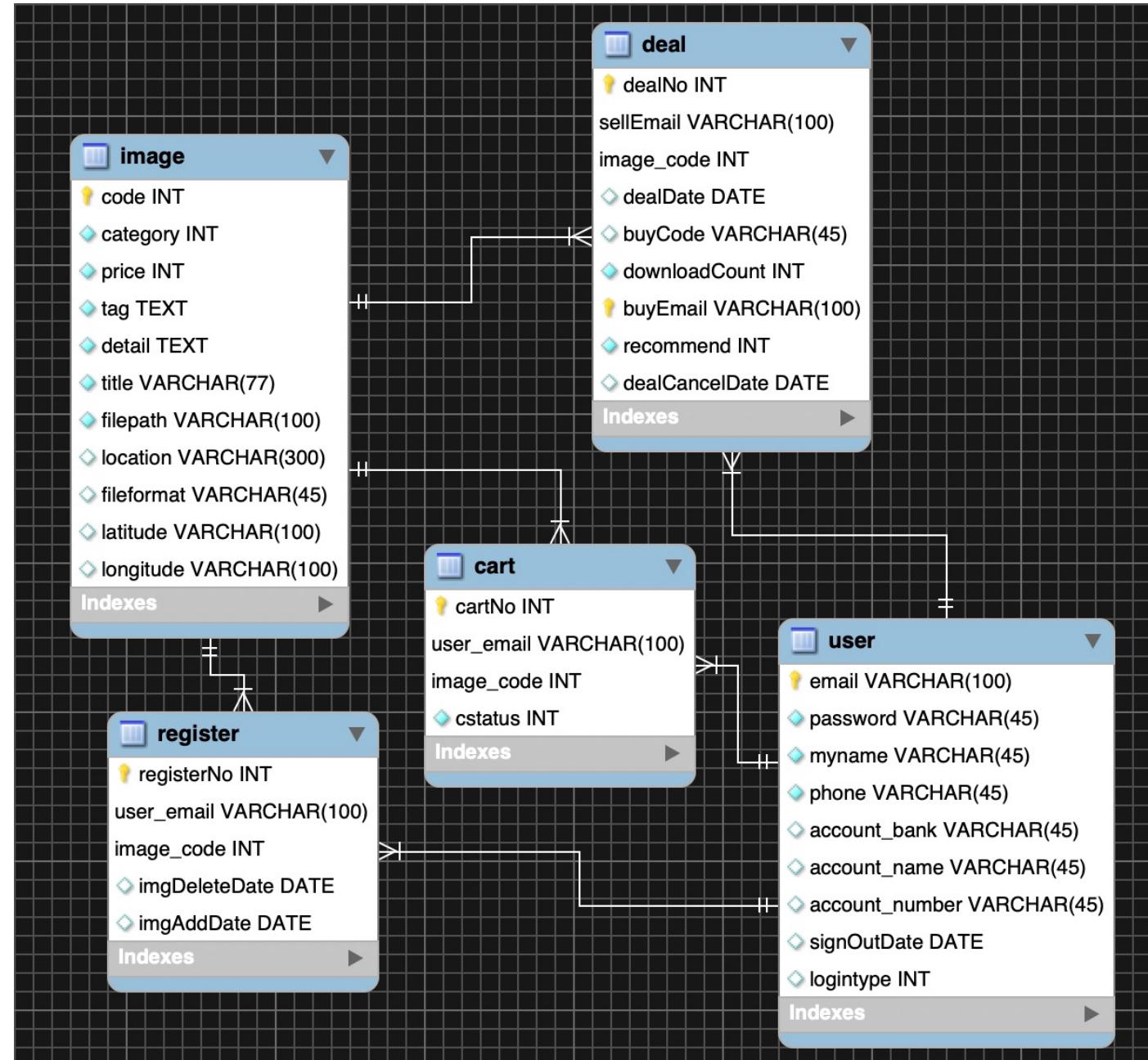


Terminal

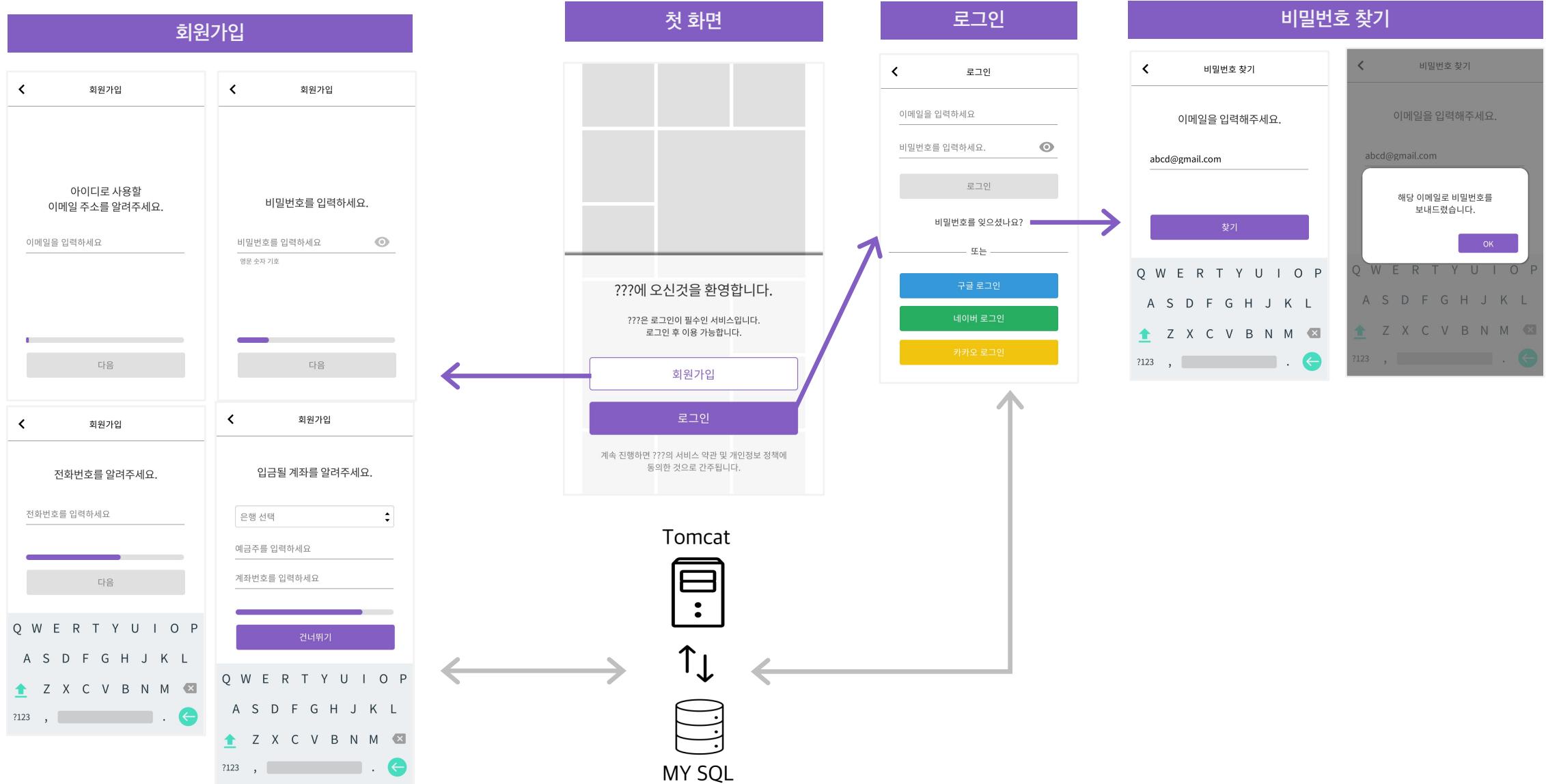
# ERD

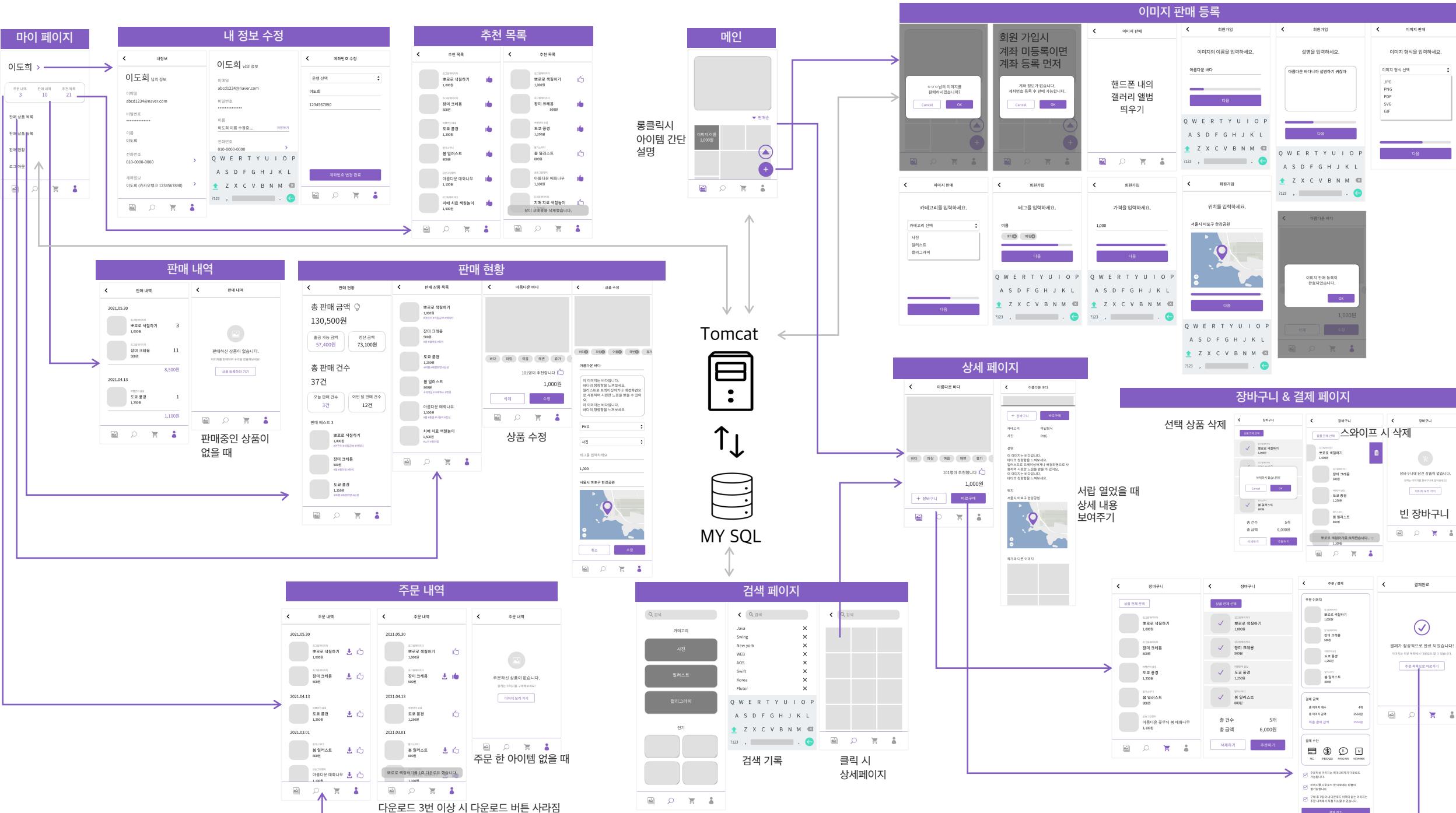


# EER



# Work Flow



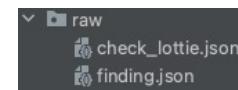
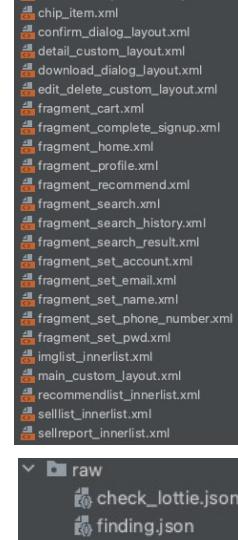
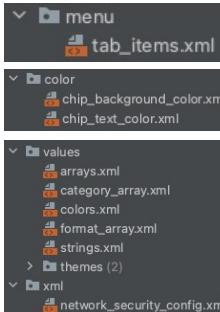
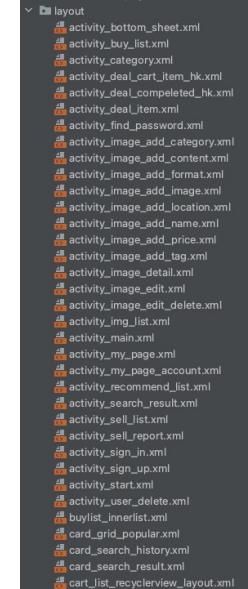
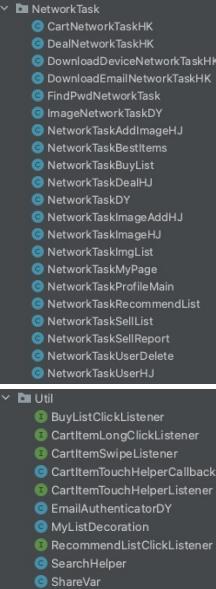
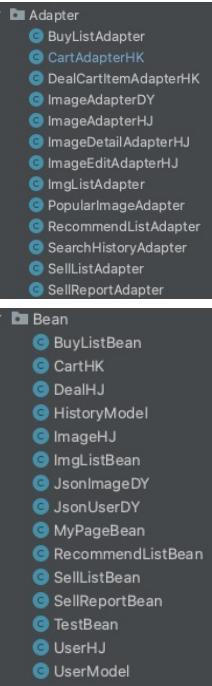
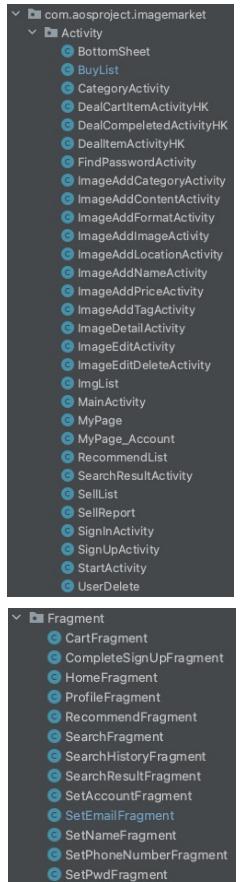


# 04

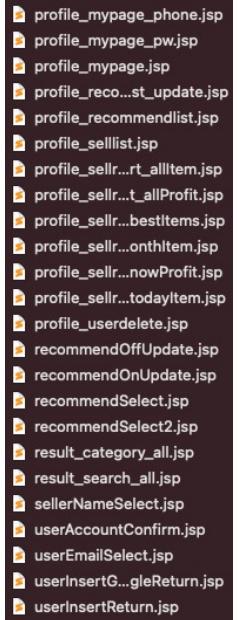
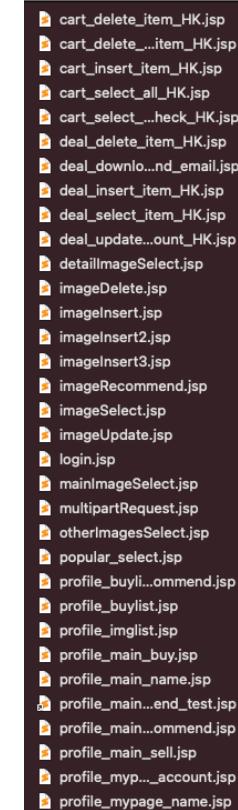
## 개발

- 산출물
- 주요기능

# 산출물



Json : 2개  
Xml : 66개

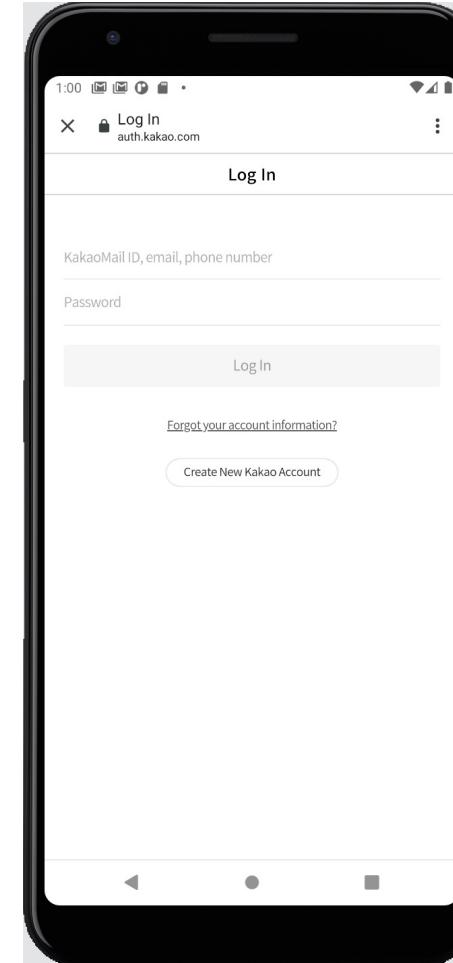
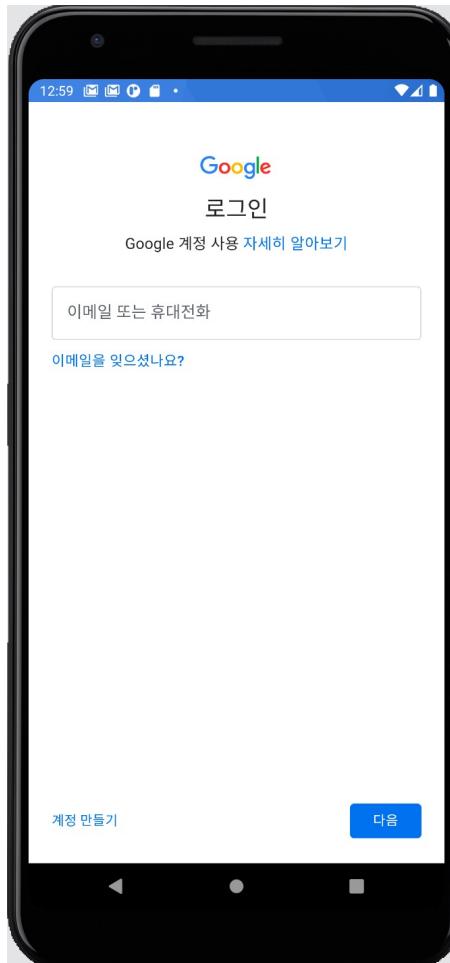
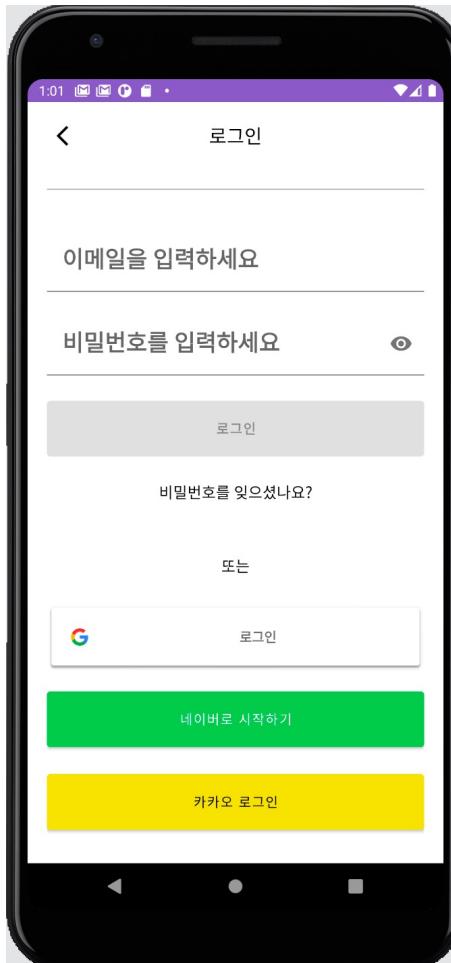


JSP : 57개

합계 : 213개

# 주요기능

## 1. 구글, 카카오 API 로그인 - 간편한 회원가입



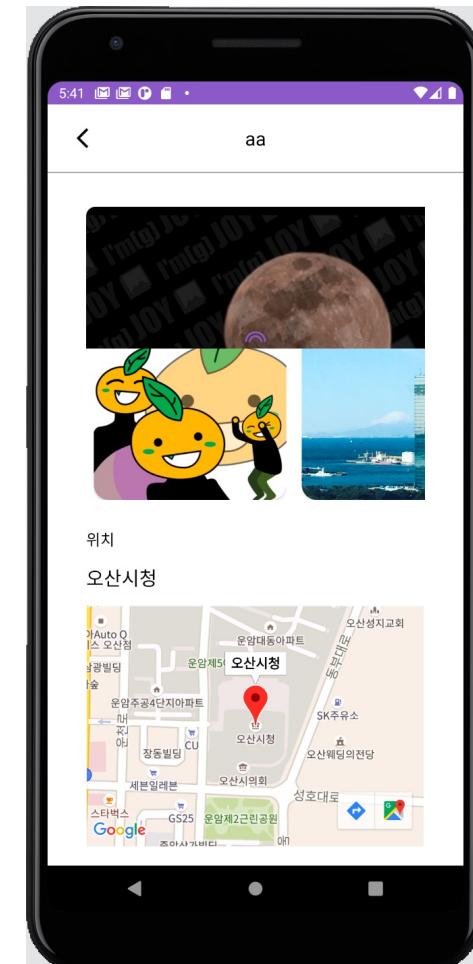
# 주요기능

## 2. 구글 지도 API Marker

입력 시 자동으로  
위도, 경도 계산

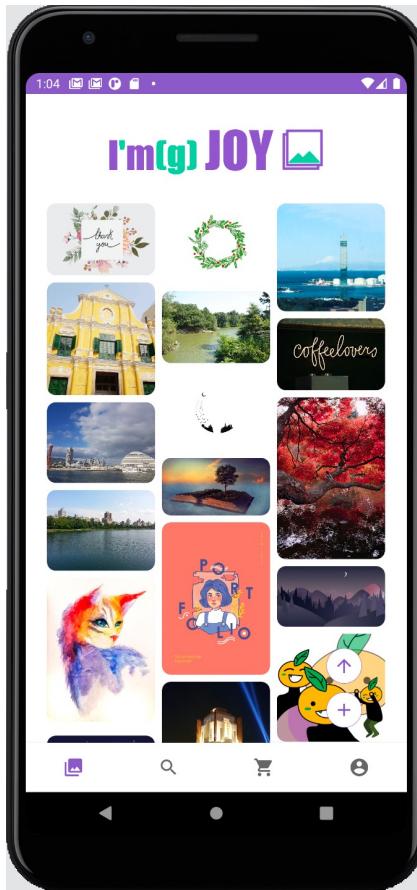
부적절한 장소 입력 시  
Toast를 통해 안내.

올바르게 입력한 경우,  
이미지 상세 페이지의 지도에서  
정확한 위치 확인 가능

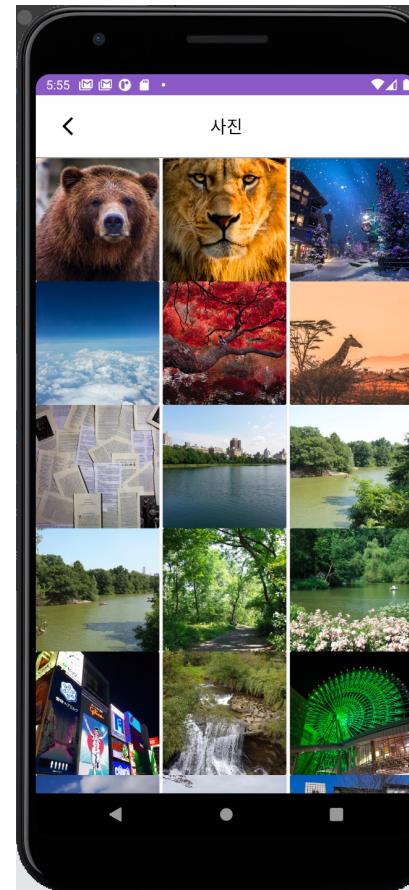


# 주요기능

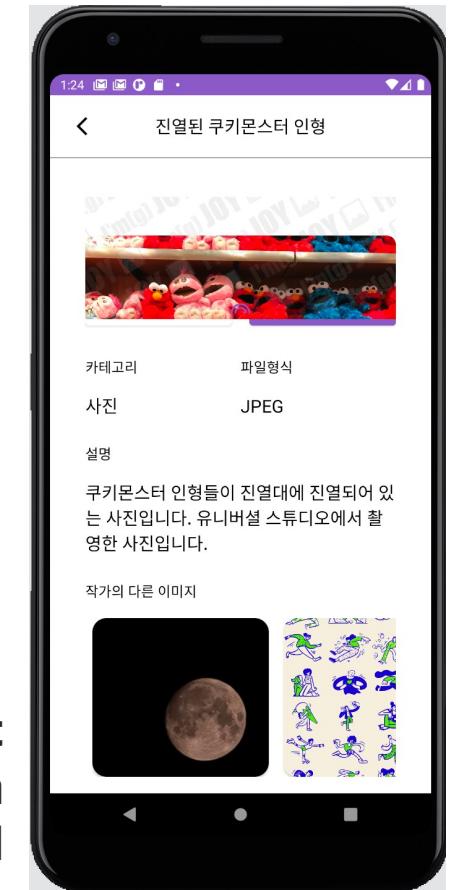
## 3. Recycler View



Staggered Grid Layout을 사용한  
감각적인 메인 화면



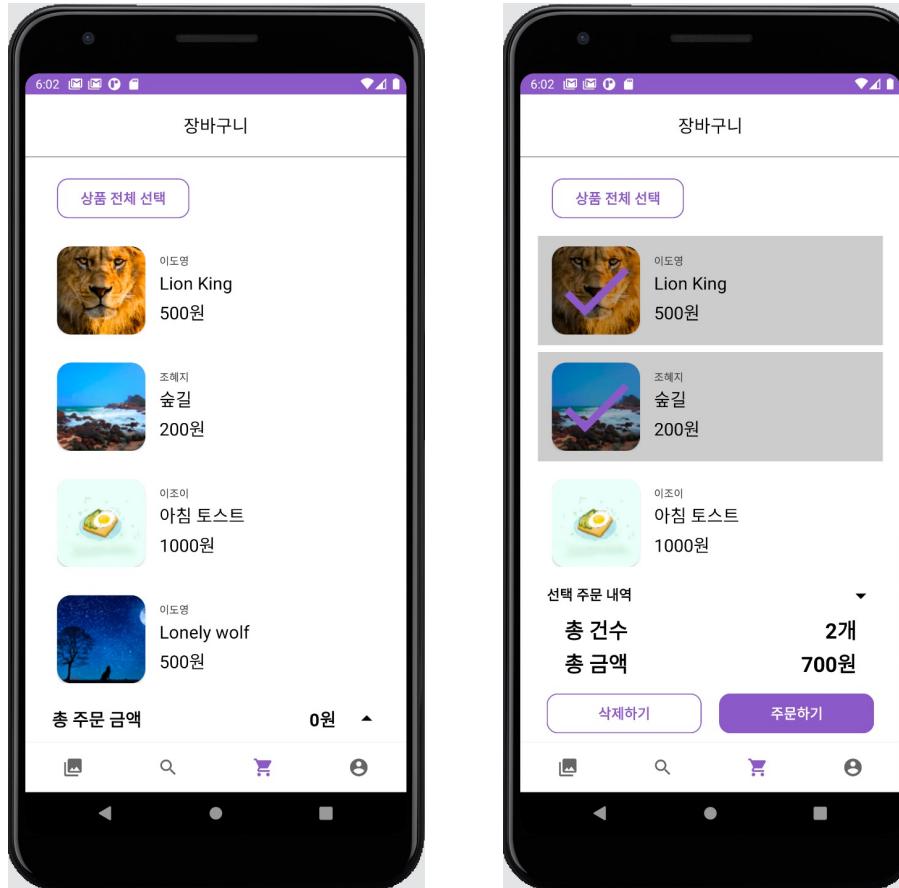
Grid Layout



Linear Layout  
orientation  
Horizontal

# 주요기능

## 3. Recycler View



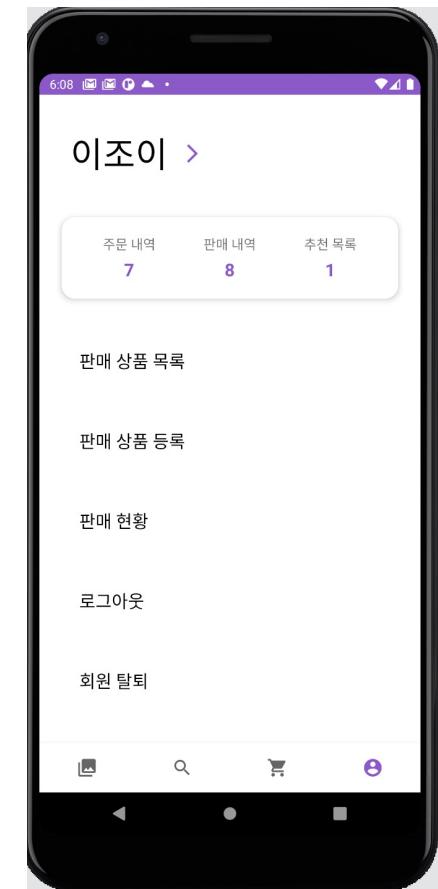
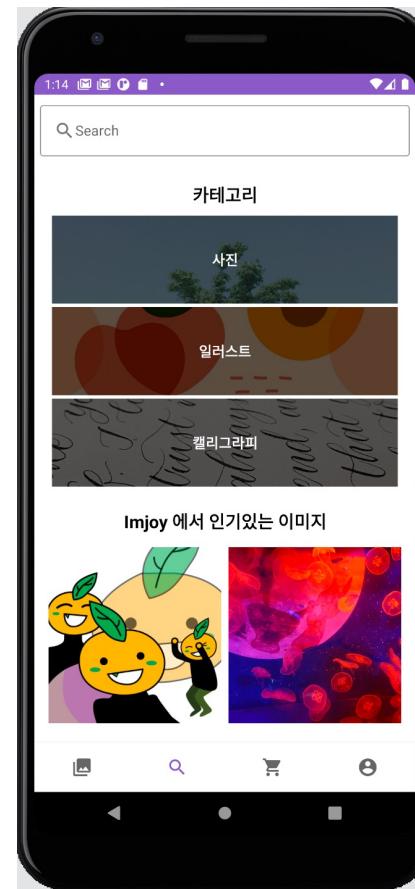
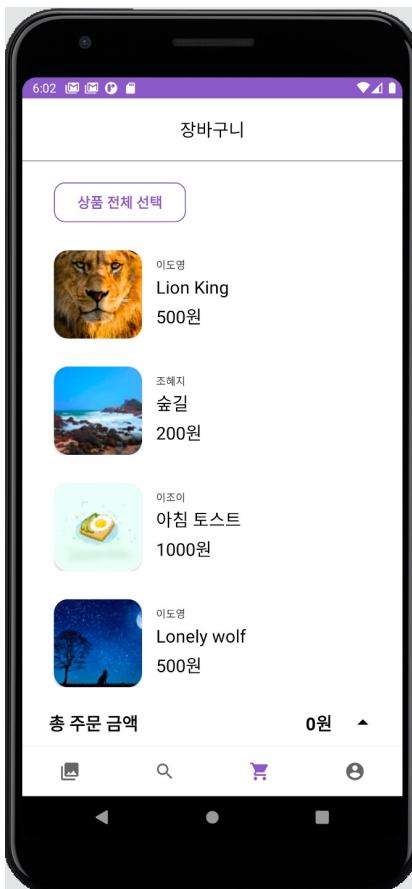
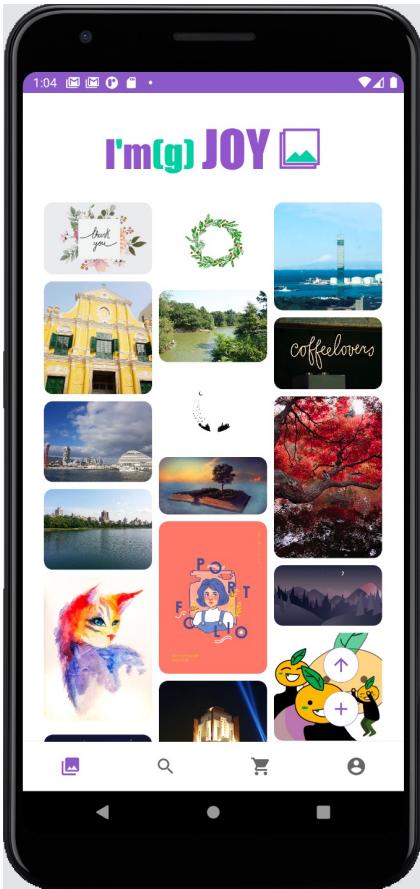
**Linear Layout  
Orientation  
Vertical**

**Multiple Selection**

**Swipe Delete**

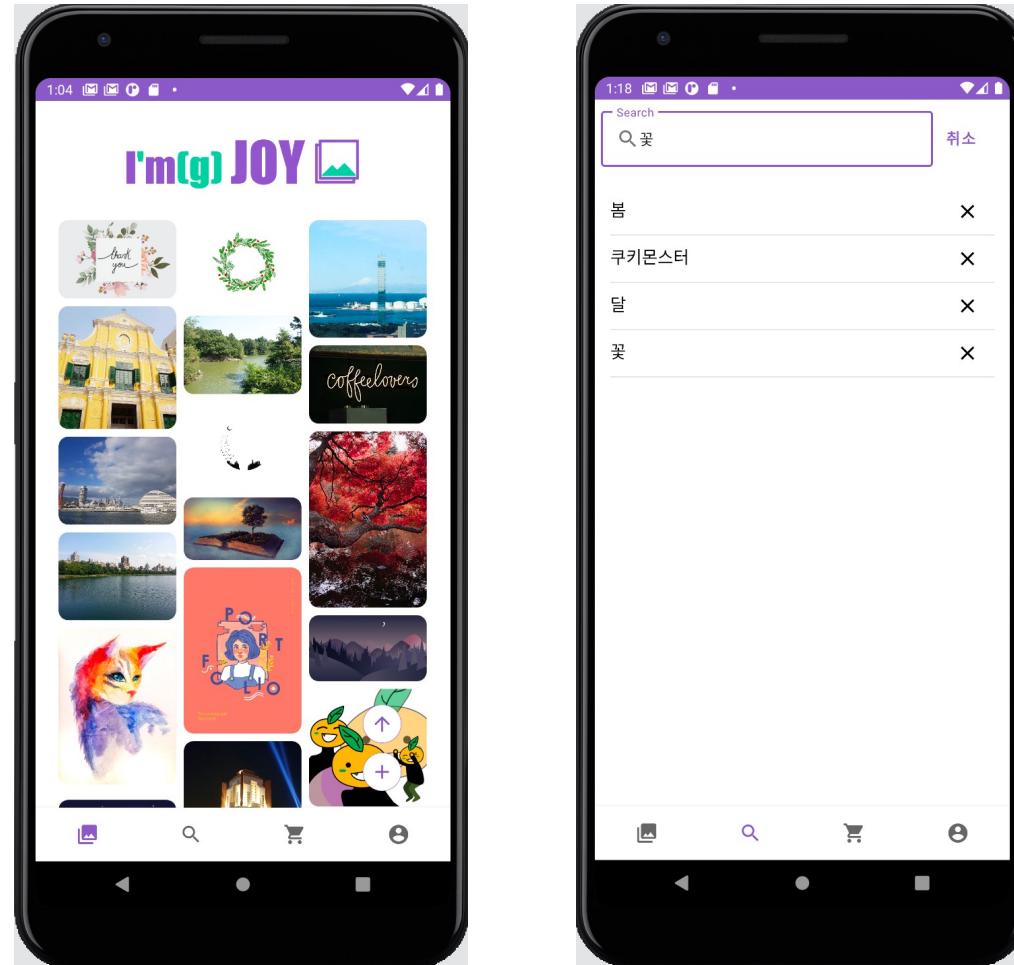
# 주요기능

## 4. Fragment를 활용한 Bottom Navigation Tab Bar



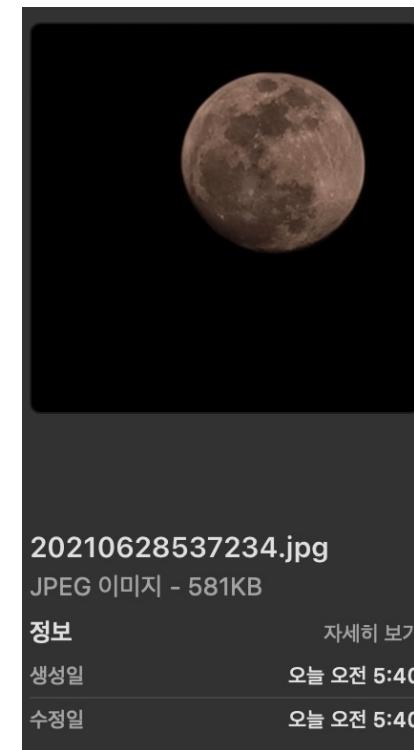
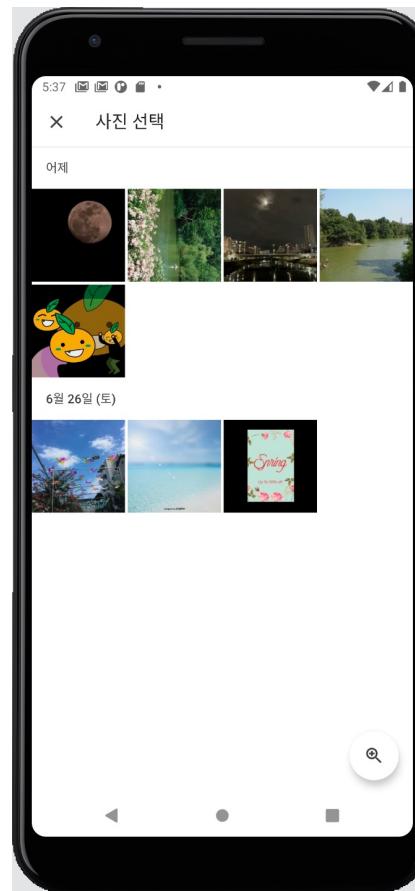
# 주요기능

## 5. Shared Preference를 이용한 자동로그인, SQLite 검색 기록



# 주요기능

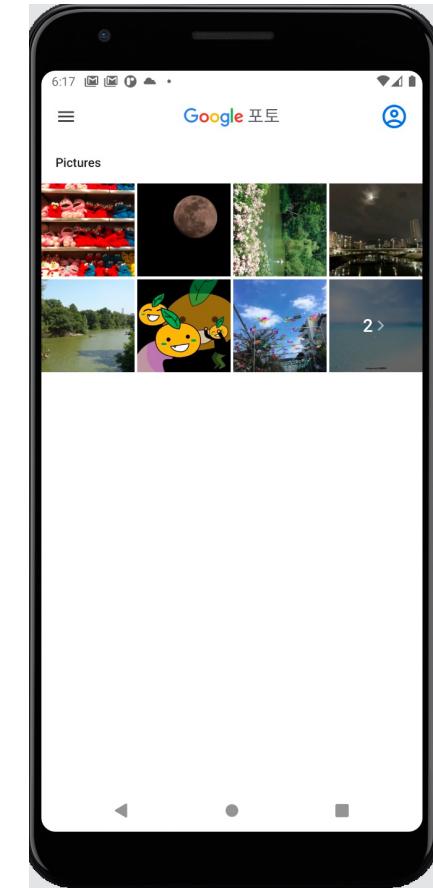
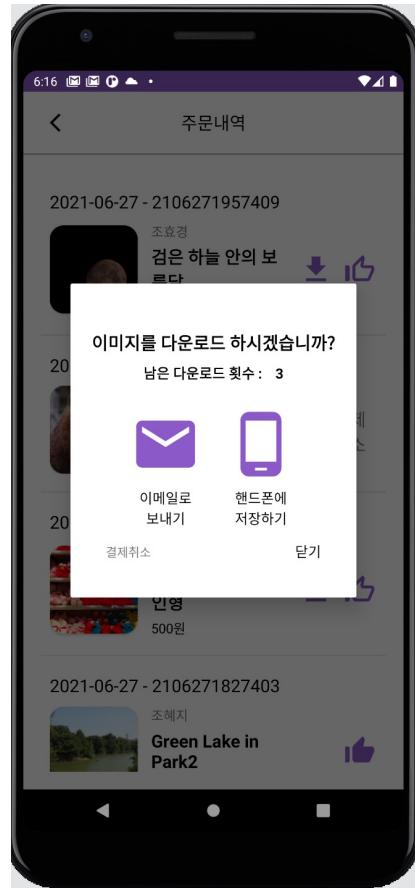
## 6. 갤러리의 사진 서버 업로드



**Tomcat Server  
ROOT의  
지정 폴더에 저장**

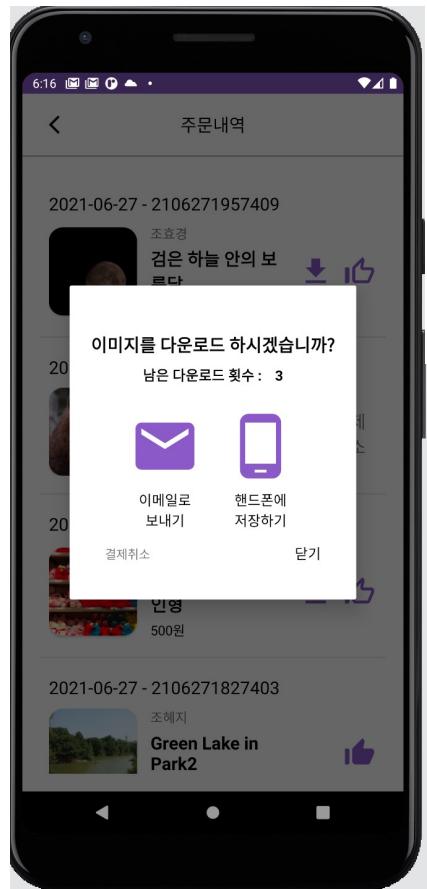
# 주요기능

6. 서버에 저장된 사진 다운로드,
7. Custom Dialog

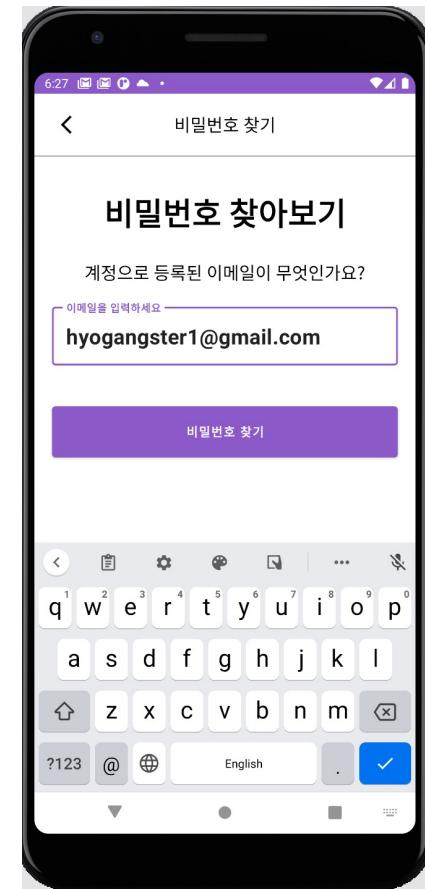


# 주요기능

## 8. Email 보내기 - 사진 보내기, 비밀번호 찾기



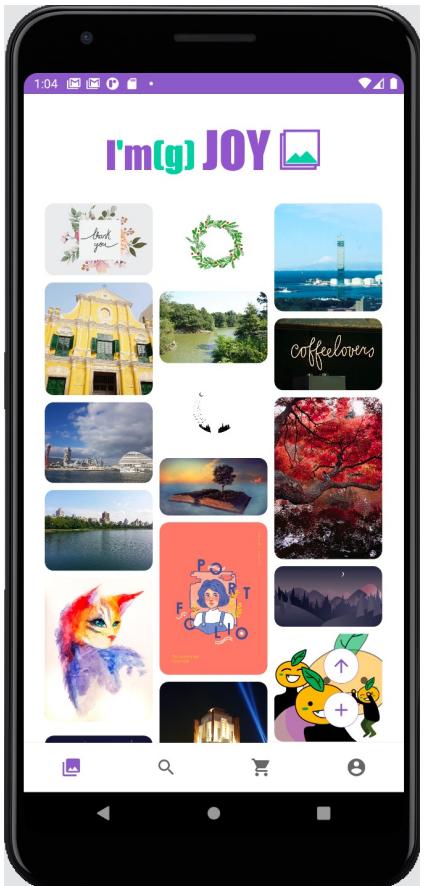
**서버에 저장된 사진  
첨부파일하여  
이메일 보내기**



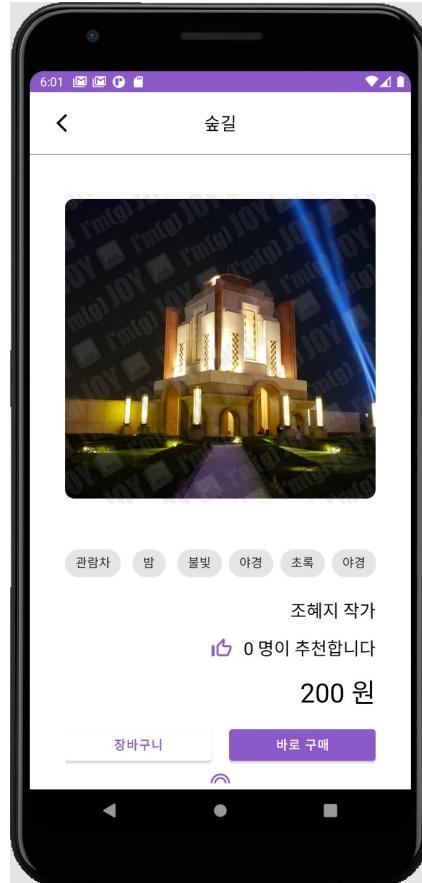
**비밀번호 재설정 시  
임시 비밀번호  
이메일 발급**

# 주요기능

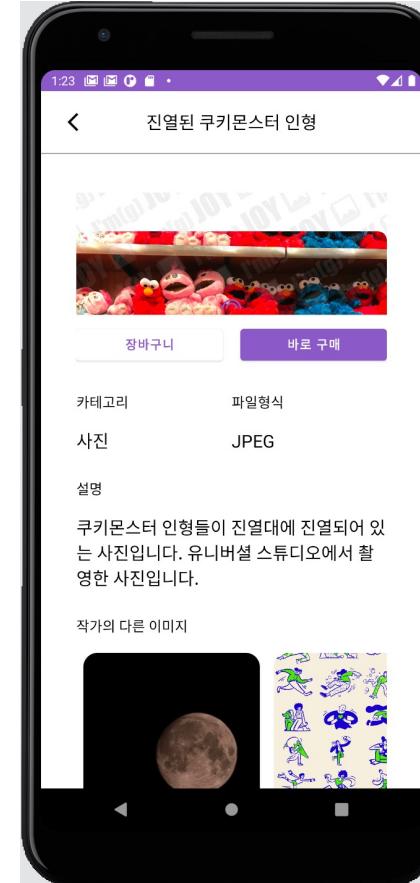
## 9. Floating Button



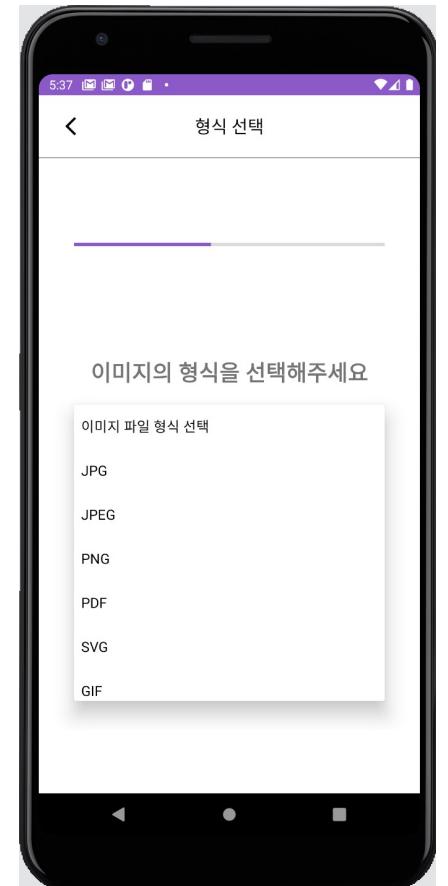
## 10. Frame Layout을 이용한 watermark



## 11. Slider Drawer

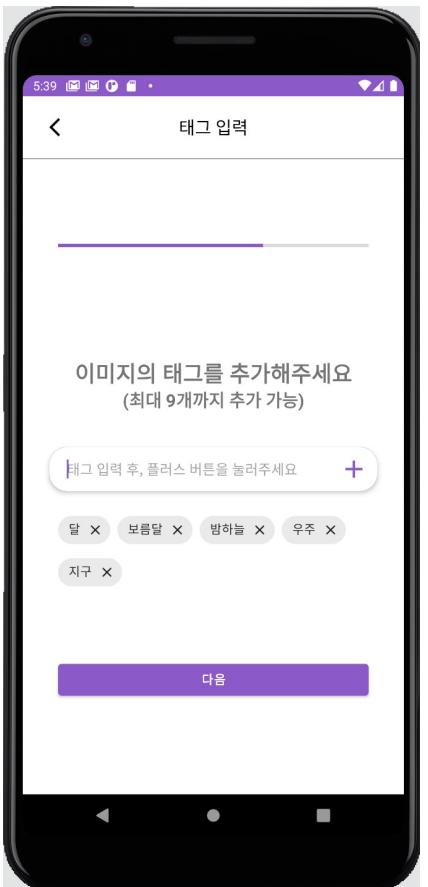
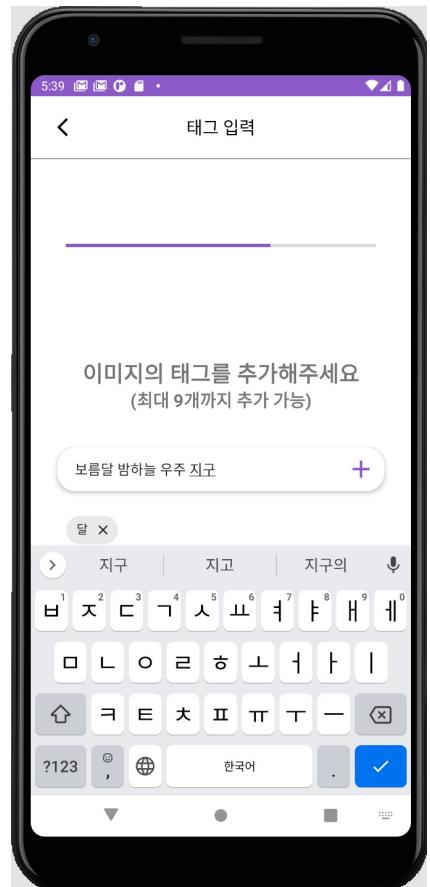


## 12. Spinner

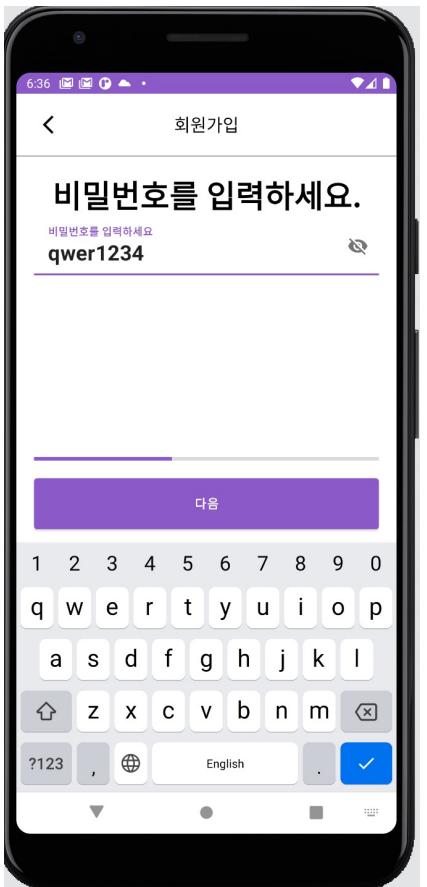
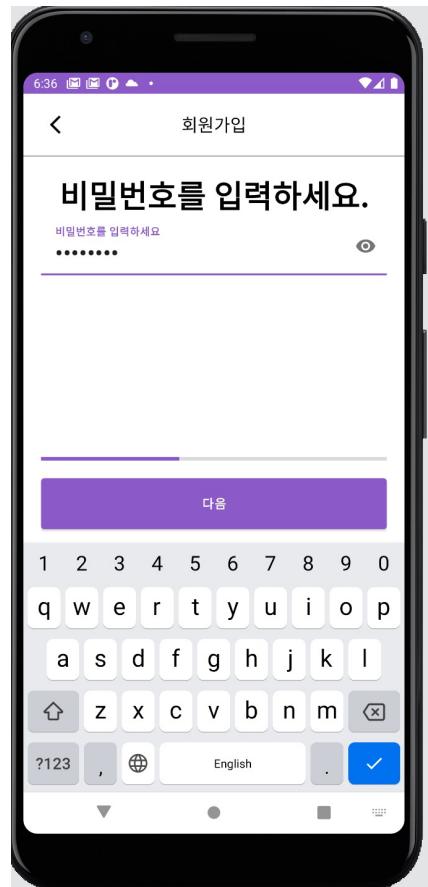
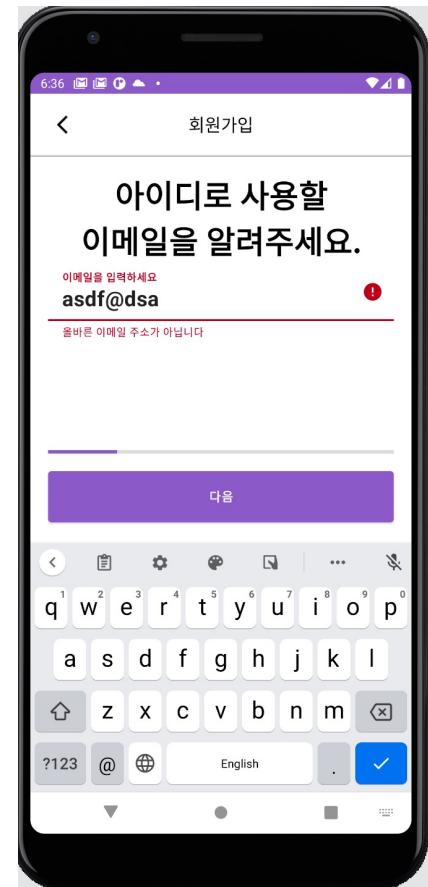


# 주요기능

## 13. Chip

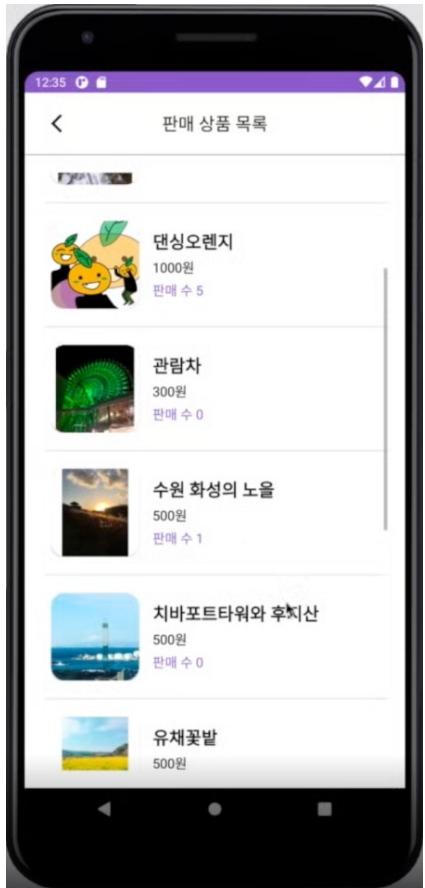


## 14. material Design 을이용한 TextField



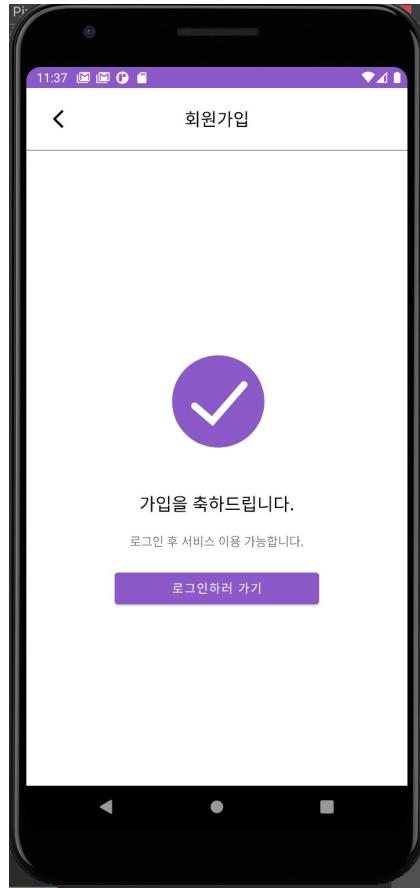
# 주요기능

## 15. Left outer join query 사용



테이블에 값이 없을 때  
0으로 출력되도록  
여러 테이블 join하여  
리스트 세팅

## 16. Lottie 사용으로 UI향상



# 05

## 마무리

- 향후 계획

# 향후 계획

- 네이버 API 로그인
- 화면 캡쳐 불가능하게
- 노티피케이션으로 다운로드 현황 확인
- 장바구니 처음 진입 시 기능 설명 화면

**THANK  
YOU**