SKKU-DM

Service for the double majors in SKKU
성균관대학교 복수 전공 학생들을 위한 서비스

GROUP MG세대 (Team G)

TEAM MEMBER 권우진 김재현 박지수 이채은

CONTETNS

Questions from proposal

Q: Differences from the Graduation Requirement Check services in GLS?

- It is not possible to check the graduation requirements for each department (such as internships).
- If you haven't started a double major, it's difficult to see how the graduation requirements will change.

Q: Do you think it would be best to get the most accurate information about the department from people who have that major as their primary major?

- We think so too. Therefore, we plan to encourage the participation of not only double majors but also primary majors through features like coffee chat recruitment, so we can generate more information about each major.

Technical Background

Backend

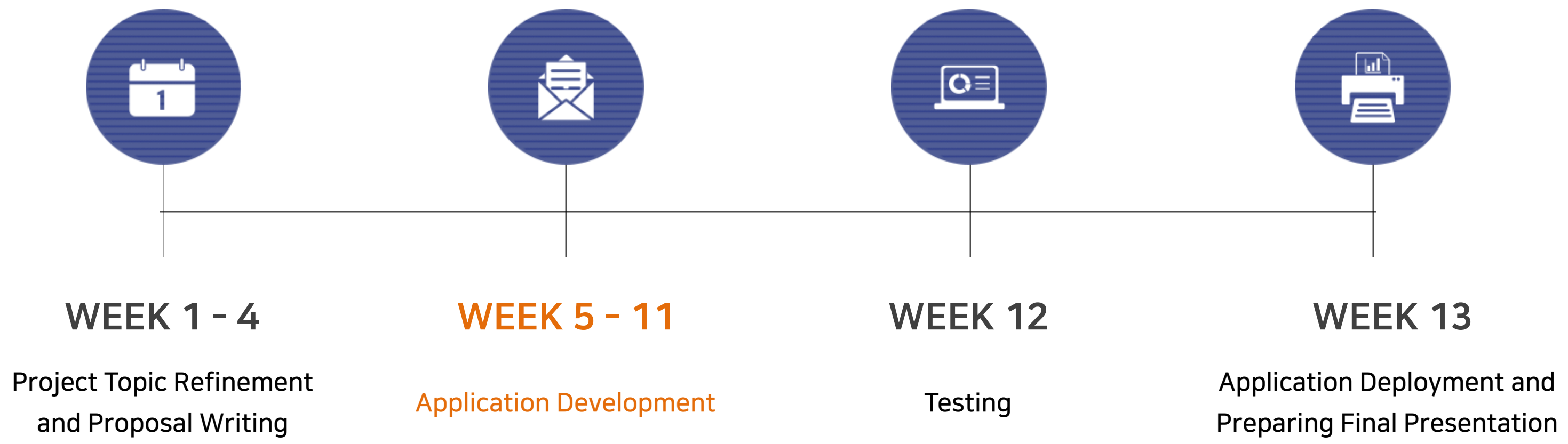**Framework: NestJS, Language: Typescript**

- Strong Typing (Typescript)
- Non-Blocking & Lightweight (Node)
- Modular Structure & Dependency Injection (NestJS)
- Shared Tech Stack Among Team Members

Frontend

Framework: Flutter, Language: Dart

- Single Codebase for Multi Platforms
- Rich Set of Pre-built Widgets
- Fast Development with Hot Reload
- Shared Tech Stack Among Team Members

Progress Update

WEEK 1 - 4

Project Topic Refinement
and Proposal Writing

WEEK 5 - 11

Application Development

WEEK 12

Testing

WEEK 13

Application Deployment and
Preparing Final Presentation

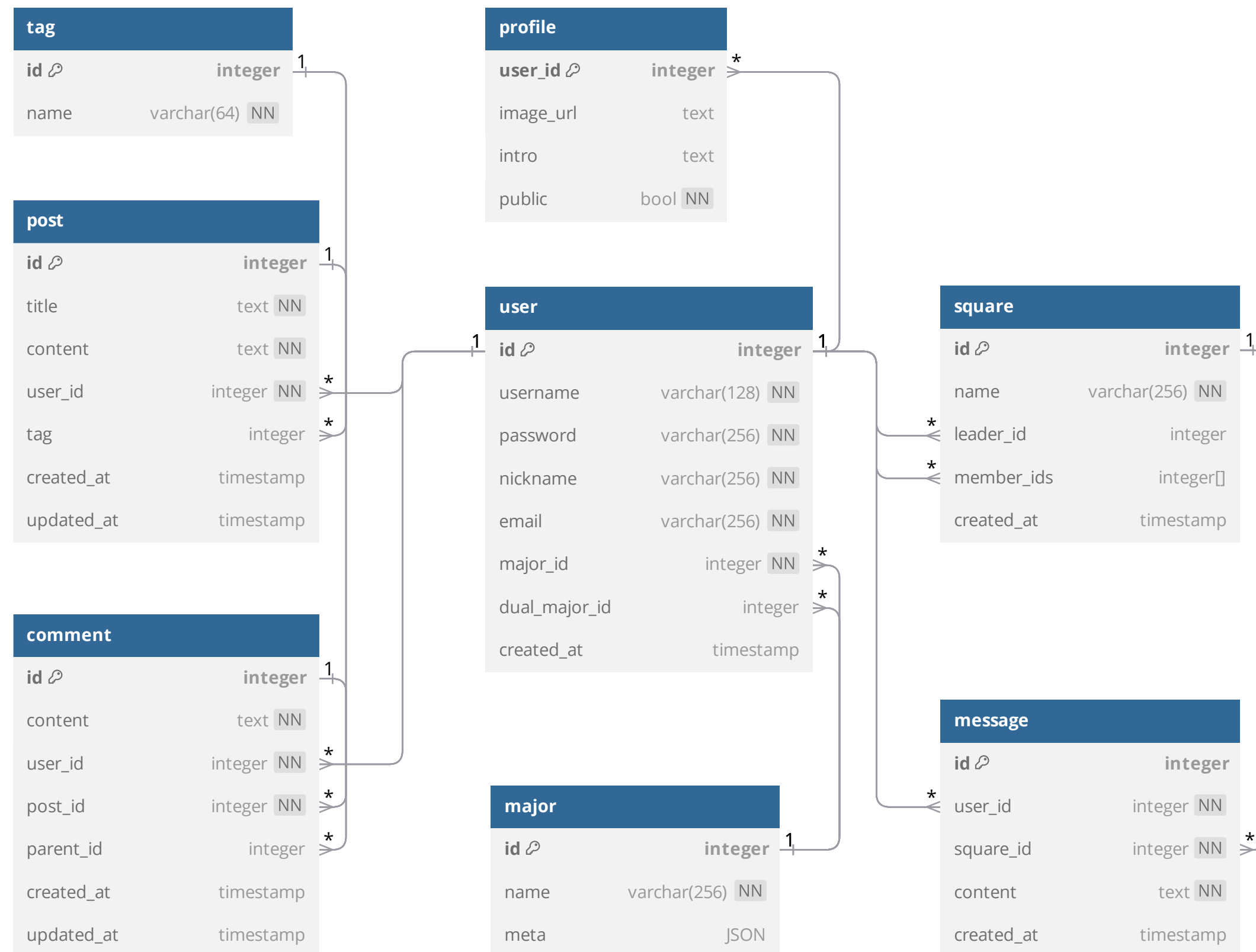# Progress Update

WEEK 5 - 11

Application Development

Frontend (Chaeeun & Woojin)

- Setup Figma(Design Platform) Projects
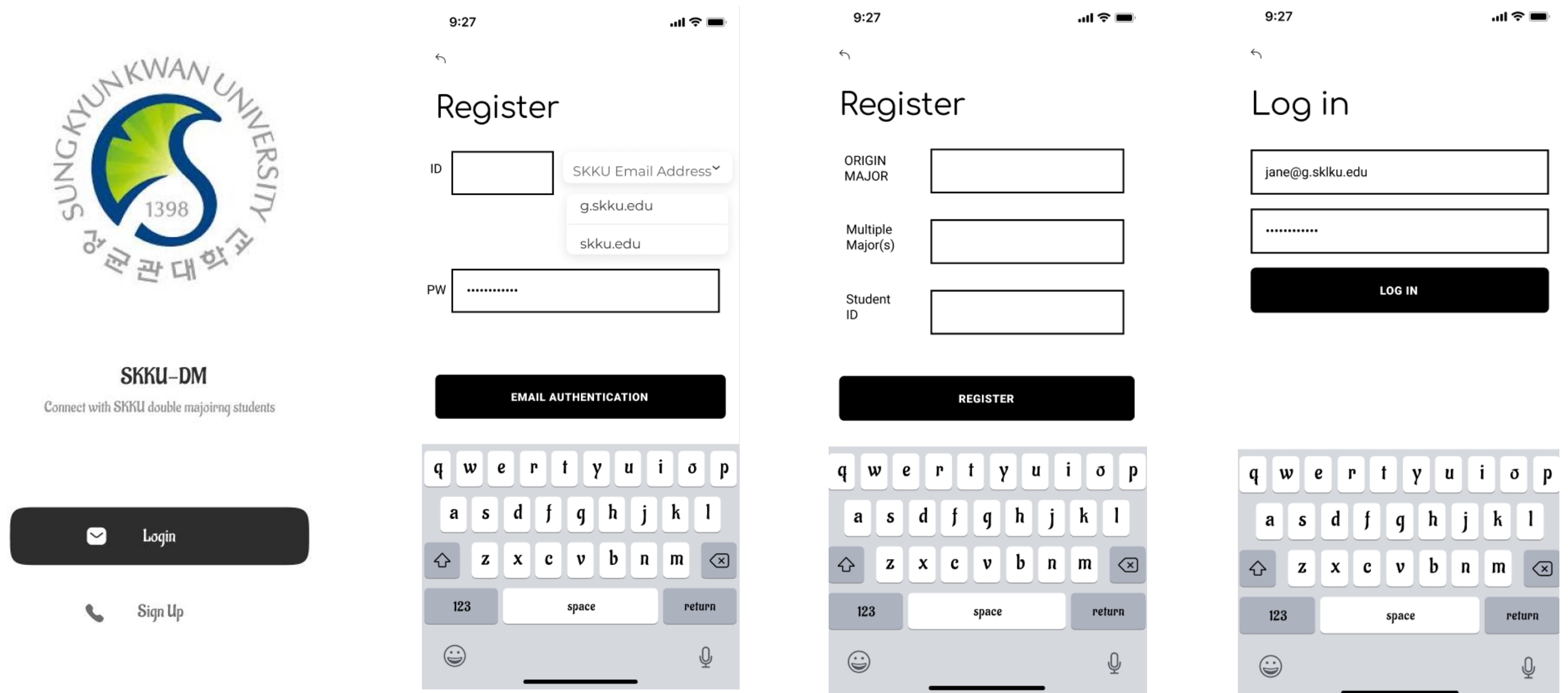- Design Some Pages

Backend (Jisoo & Jaehyeon)

- Design Database Schema
- Preparing Weekly Progress Meeting Presentation

tag

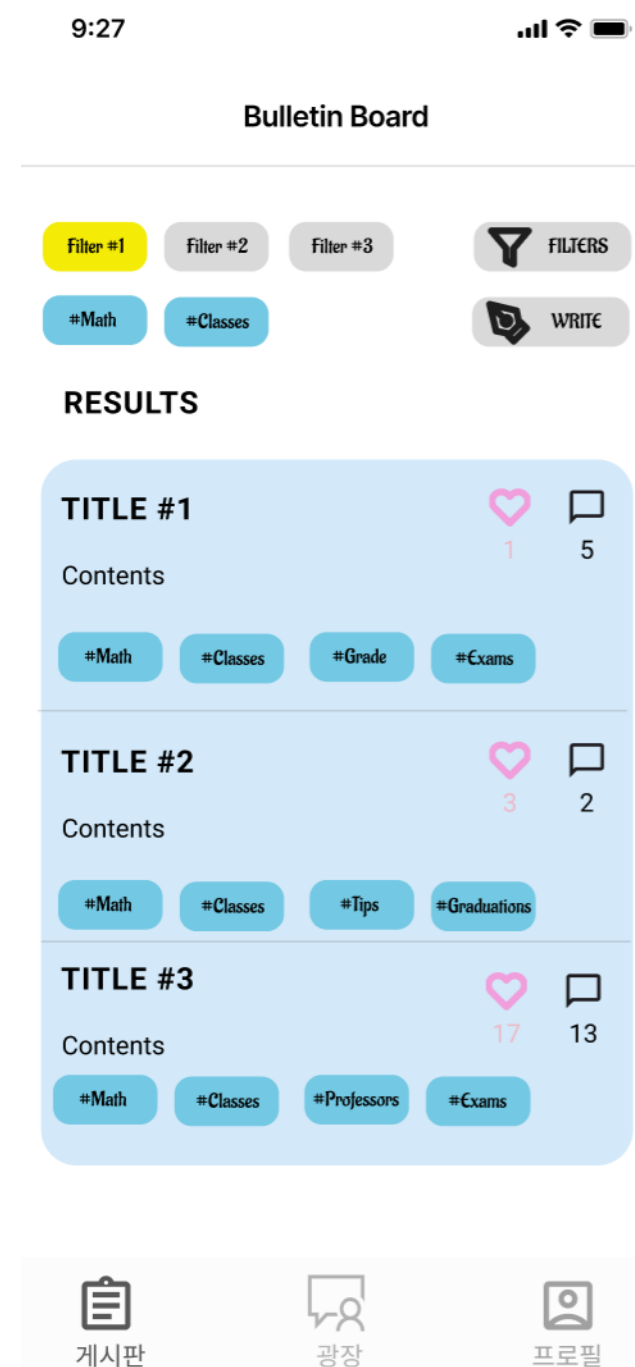|	
id 🔗	integer
name	varchar(64) NN

profile

user_id 🔗	integer
image_url	text
intro	text
public	bool NN

post

id 🔗	integer
title	text NN
content	text NN
user_id	integer NN
tag	integer
created_at	timestamp
updated_at	timestamp

user

id 🔗	integer
username	varchar(128) NN
password	varchar(256) NN
nickname	varchar(256) NN
email	varchar(256) NN
major_id	integer NN
dual_major_id	integer
created_at	timestamp

square

id 🔗	integer
name	varchar(256) NN
leader_id	integer
member_ids	integer[]
created_at	timestamp

comment

id 🔗	integer
content	text NN
user_id	integer NN
post_id	integer NN
parent_id	integer
created_at	timestamp
updated_at	timestamp

major

id 🔗	integer
name	varchar(256) NN
meta	JSON

message

id 🔗	integer
user_id	integer NN
square_id	integer NN
content	text NN
created_at	timestamp

Database Schema (Not Complete)

Sign up & Sign in

Bulletin Board

9:27

Bulletin Board

Filter #1   Filter #2   Filter #3   FILTERS

#Math   #Classes   WRITE

RESULTS

TITLE #1

Contents

#Math   #Classes   #Grade   #Exams

TITLE #2

Contents

#Math   #Classes   #Tips   #Graduations

TITLE #3

Contents

#Math   #Classes   #Professors   #Exams

게시판   광장   프로필

Square

Profile
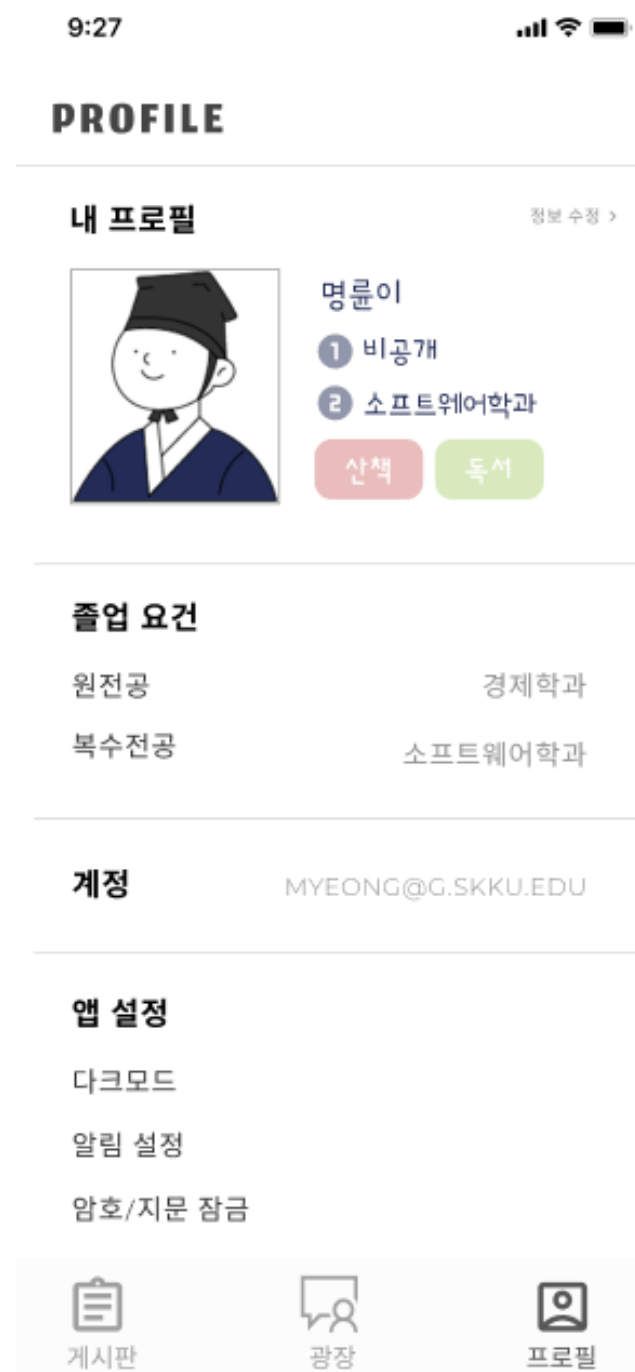
Next Week

Backend

Setup Environments & Development

Write a boilerplate for NestJS projects & Database(PostgreSQL) settings

Frontend

Setup Environments & Development

Write a boilerplate for Flutter projects & define components

THANK YOU!