

Idea

Requirement analysis

Techniques used in project

Detailed UI design

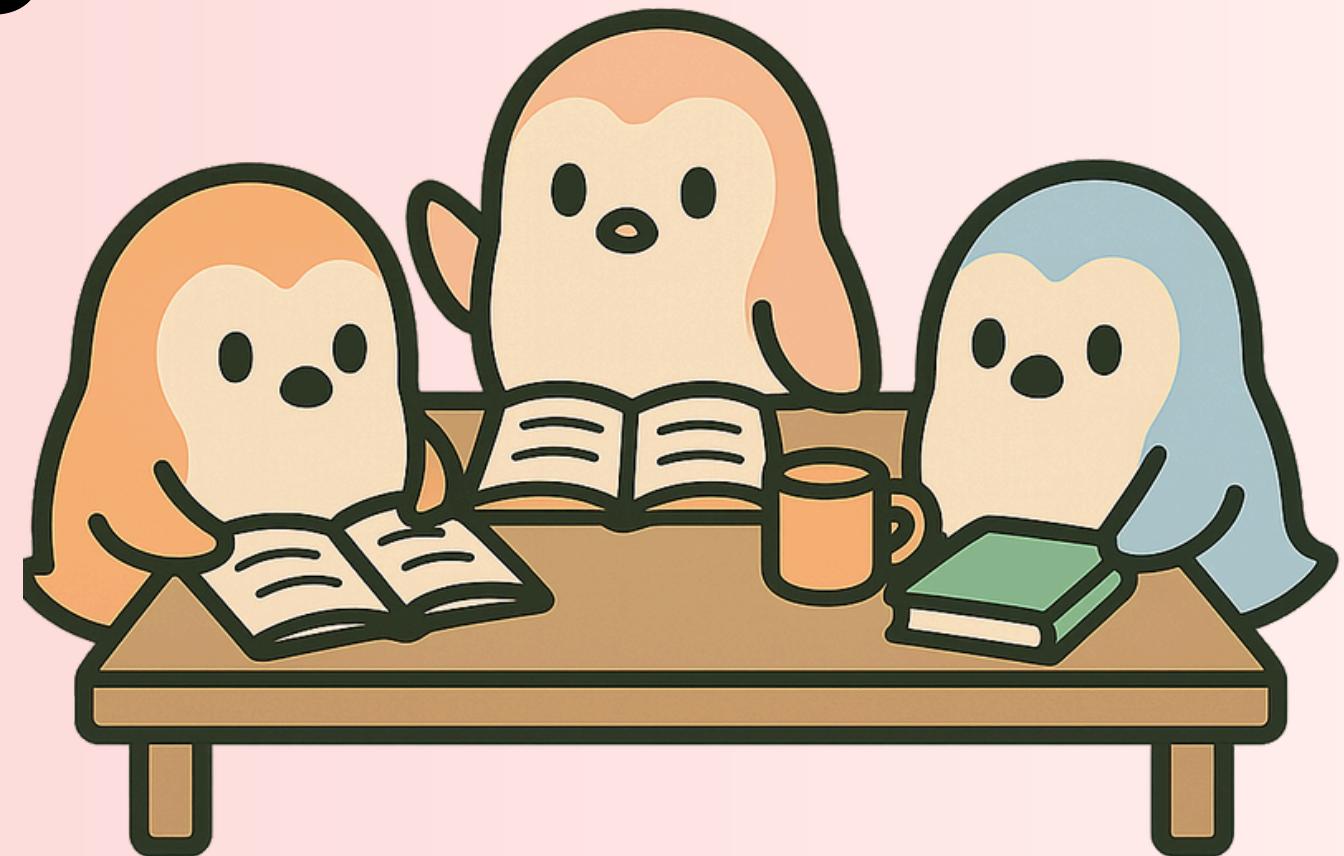
progress so far

Future plan

# Intermediate Project Presentations

**Team Name:** Dynamic Duo

**Team member:** 최태진(TAEJIN CHOI), 김용민(YONGMIN KIM)



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# Our Idea

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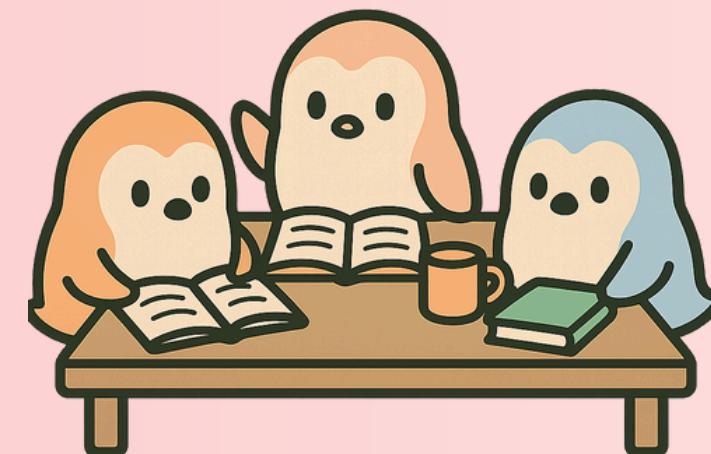
progress so far

Future plan

팀원을 구하는 어려움

겹치지 않는 포지션 &&  
같은 분야

스케줄 조정의 어려움



STUDY BUDDY

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# Requirement analysis

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### 웰컴 페이지

서비스의 전체적인 개요를 소개합니다.



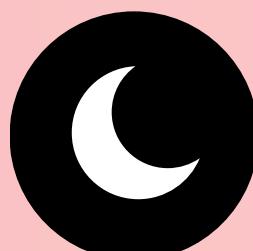
### 모달창 디자인

페이지 이동 없이 하나의 화면에서 로그인, 회원가입 등의 작업을 처리합니다.



### 반응형 디자인

다양한 웹 브라우저의 크기, 모바일 환경에서도 일관된 UI/UX를 위해 반응형 디자인을 적용했습니다.



### 다크모드 지원

사용자의 선호도에 따라 라이트모드/다크모드를 선택할 수 있습니다.



### 사용자 인증

Firebase Authentication을 통해 로그인과 회원가입 시스템을 제공합니다.

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### DashBoard 기능

로그인한 사용자를 위한 홈 화면으로 시계, 그룹 현황, 다가오는 일정 등을 확인 가능합니다.



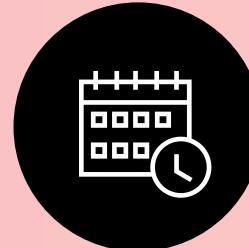
### 그룹 생성, 관리 등 기능

그룹을 생성하고, 멤버 관리 등을 처리할 수 있습니다.



### 스케줄 매칭 기능

멤버들의 개별 스케줄을 분석하여 모든 구성원이 가능한 시간을 계산하여 줍니다.



### 캘린더 기능

일정을 달력에서 한눈에 볼 수 있게 해줍니다.



### 사용자 프로필 관리

개인 정보, 관심 분야, 학과 정보 등을 설정하고 관리할 수 있습니다.

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**Techniques used in project**

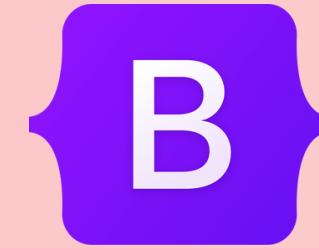
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# Techniques used in project

# Client Side



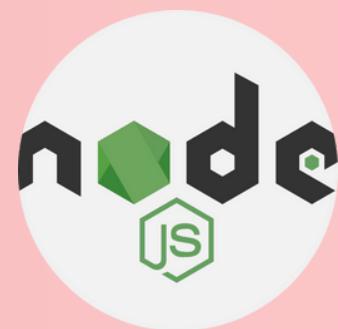
AXIOS



npm

```
// ..\client\package.json
"dependencies": {
  "axios": "^1.8.4",
  "bootstrap": "^5.3.5",
  "bootstrap-icons": "^1.11.3",
  "date-fns": "^4.1.0",
  "firebase": "^11.6.0",
  "react": "^19.0.0",
  "react-big-calendar": "^1.18.0",
  "react-bootstrap": "^2.10.9",
  "react-dom": "^19.0.0",
  "react-router-dom": "^7.5.0"
},
```

# Server Side



```
// ..\server\package.json
```

```
"dependencies": {  
    "axios": "^1.9.0",  
    "cors": "^2.8.5",  
    "dotenv": "^16.4.7",  
    "express": "^5.1.0",  
    "firebase": "^11.6.0",  
    "firebase-admin": "^13.3.0",  
    "nodemon": "^3.1.9"  
}
```

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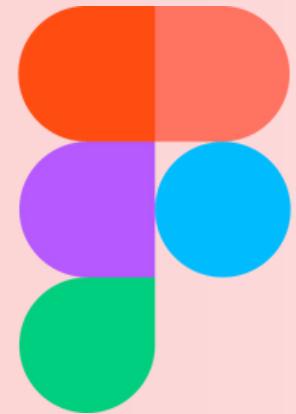
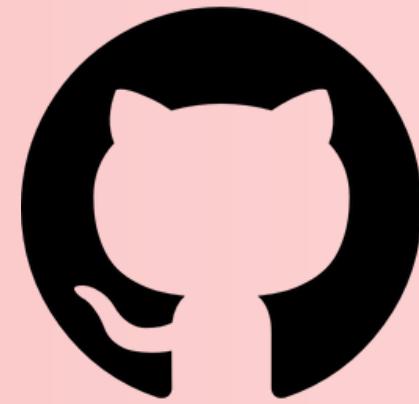
progress so far

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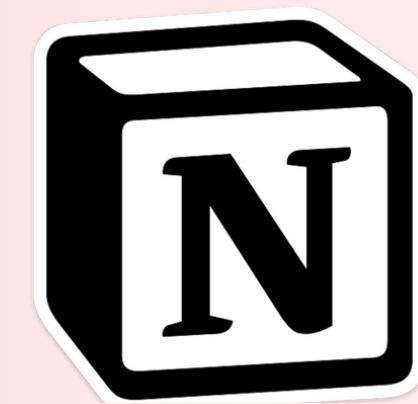
## Collaboration Tools



CODE  
COLLABORATION



DESIGN  
COLLABORATION



DOCS  
COLLABORATION

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# Detailed UI design

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# Welcome(Landing) Page Design

The screenshot shows the StudyBuddy landing page. At the top, there's a navigation bar with a logo, a search bar, and a 'Finish setup' button. Below the header, the main title 'STUDY BUDDY' is displayed in large letters. A subtext below it reads: '같은 꿈을 꾸는 우리가 만나는 곳, StudyBuddy에서'. There are two buttons: '시작하기' (Start) and '로그인' (Login). In the center, there's a cartoon illustration of three characters (two girls and one boy) sitting at a desk, reading books. Below this, there's a section titled '스터디 파트너 찾기' (Find Study Partner) with a subtext: '같은 목표를 가진 학생들과 팀을 이루고 함께 성장해보세요. 관심사와 목표가 맞는 팀원을 쉽게 찾을 수 있도록 돋고 꾸준히 함께 공부할 수 있는 환경을 제공합니다.'.

This part of the landing page features a large orange calendar icon with the letter 'G' on it, surrounded by radiating lines. To the right, the text '일정 조율' (Scheduling Adjustment) is displayed. Below it, a subtext reads: '스케줄 맞추기, 이젠 고민 말고 말기세요. 스케줄 자동 분석으로 모두에게 딱 맞는 미팅 시간을 스마트하게 추천해 드려요.' Further down, the text '함께 배우고 성장하세요!' (Learn and grow together!) is shown, followed by the text '오늘 스터디버디에 가입하고 협업을 시작하세요!' and a red '지금 가입하기' (Join now) button.

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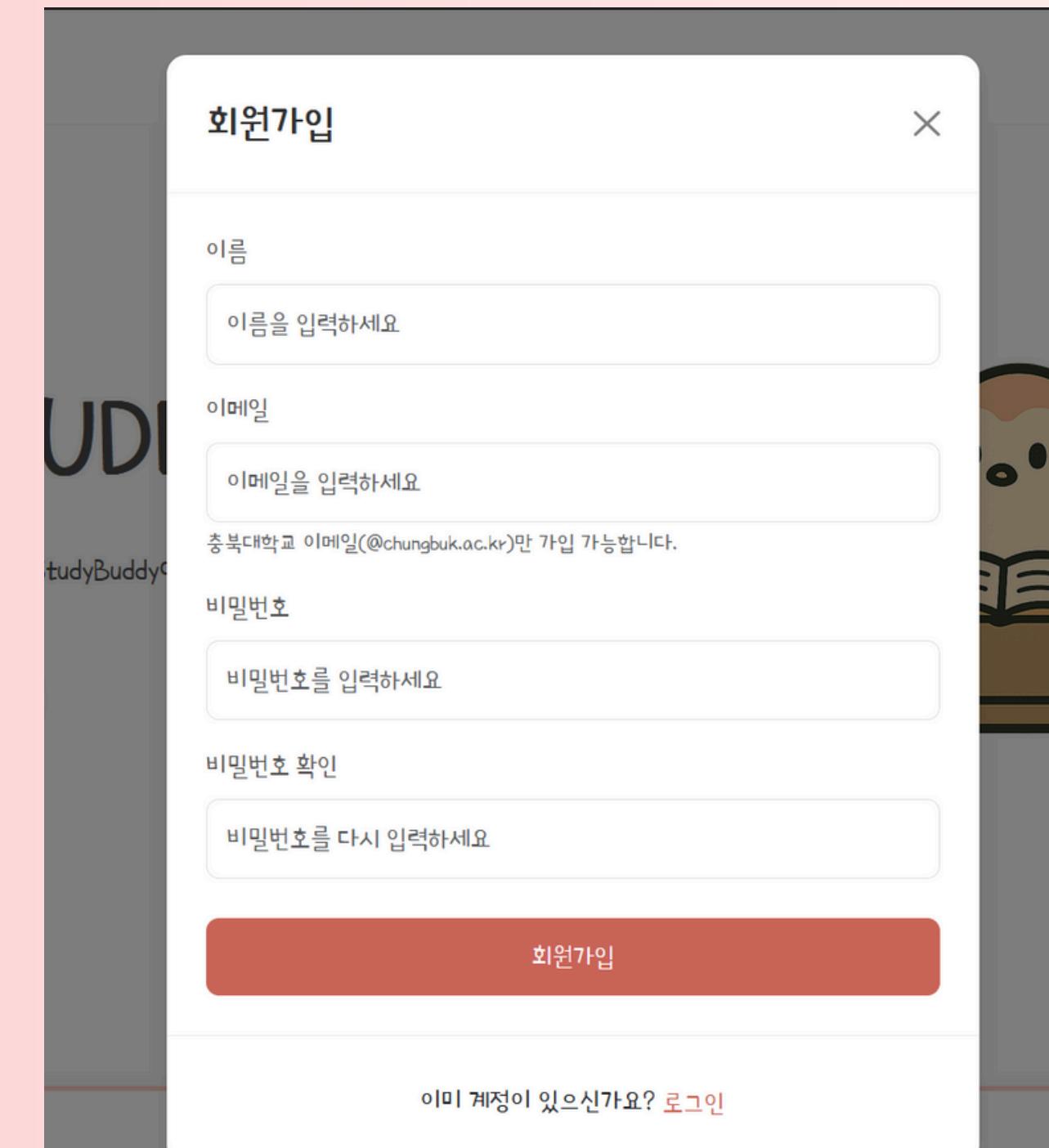
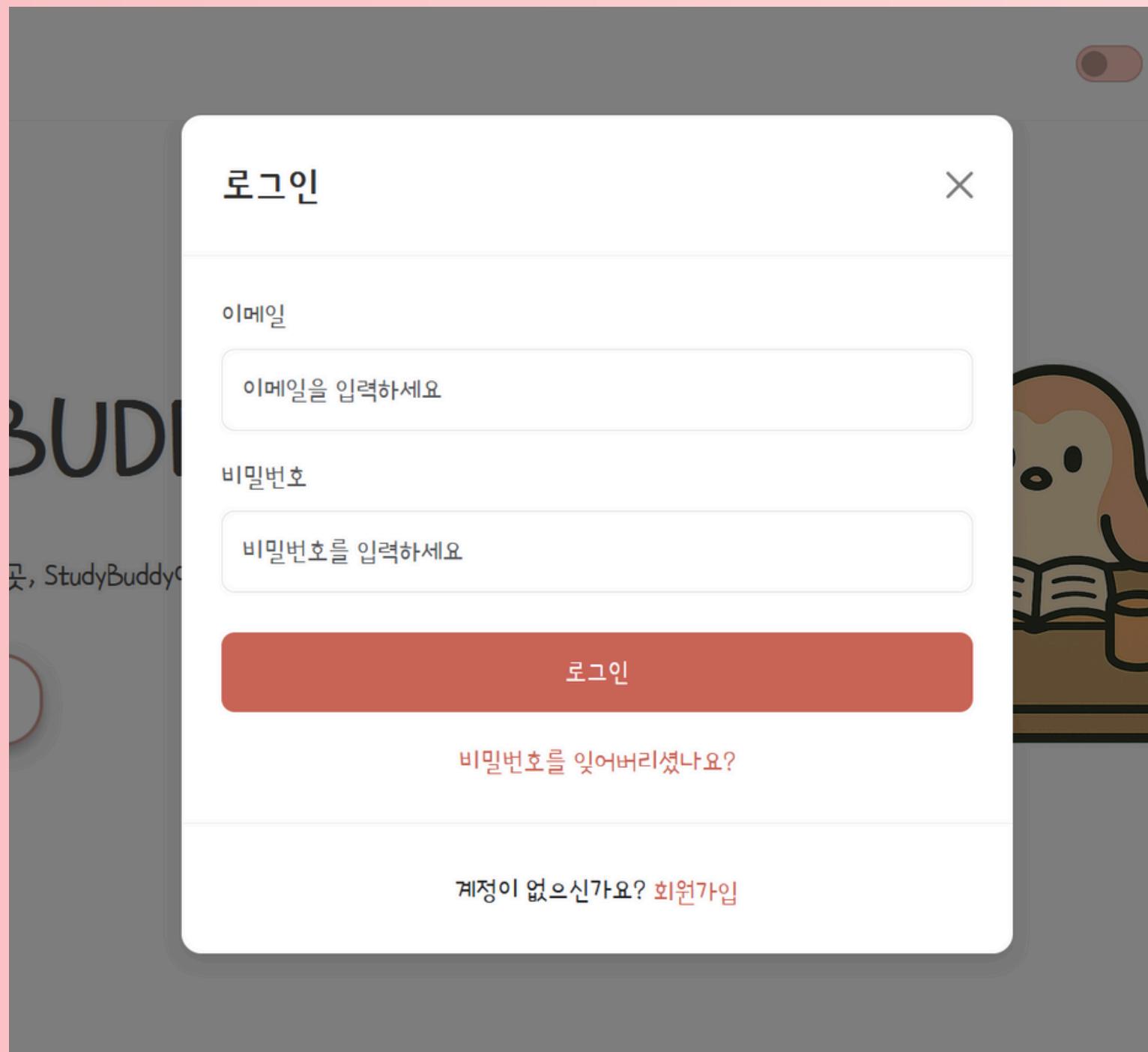
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## Sing in/up Modal Design



Idea

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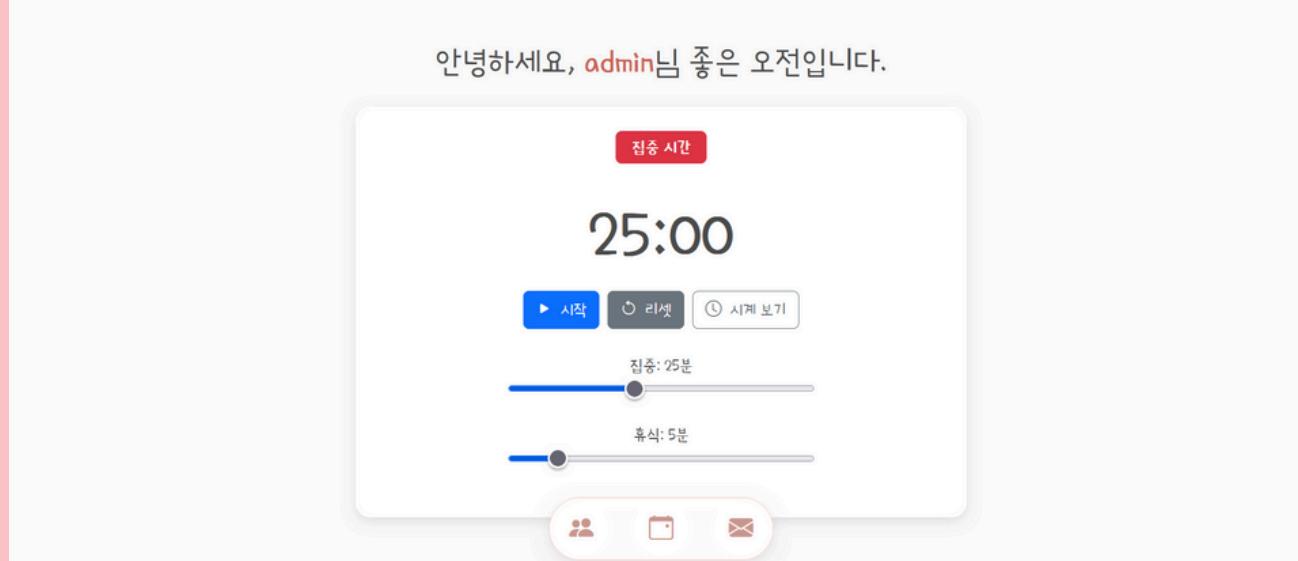
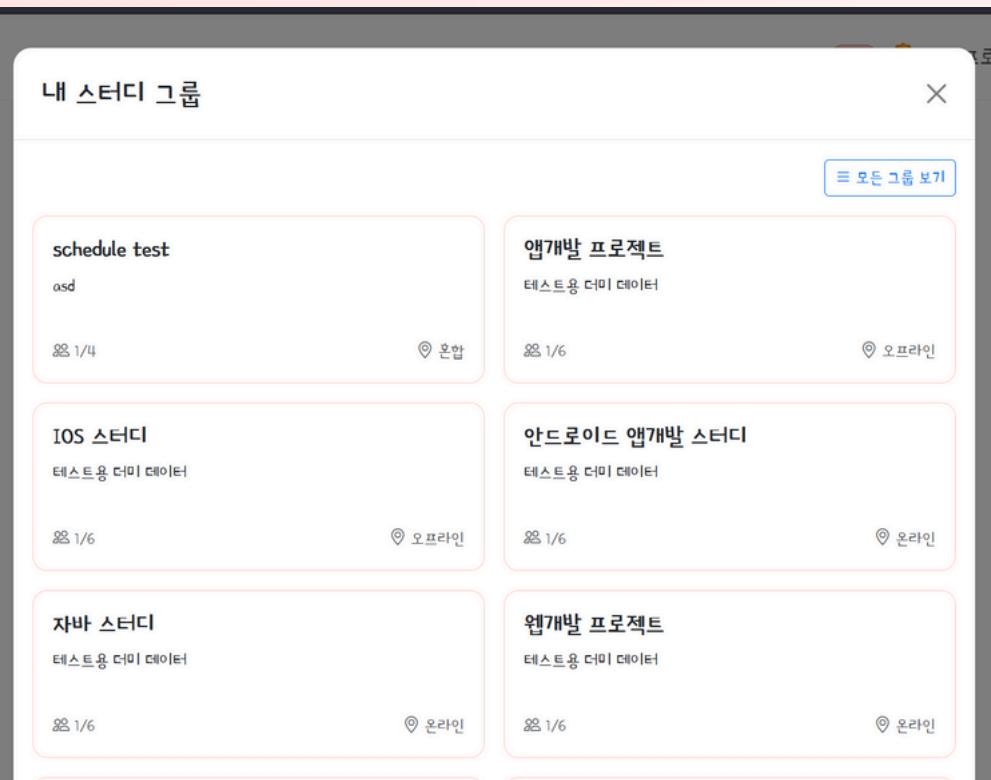
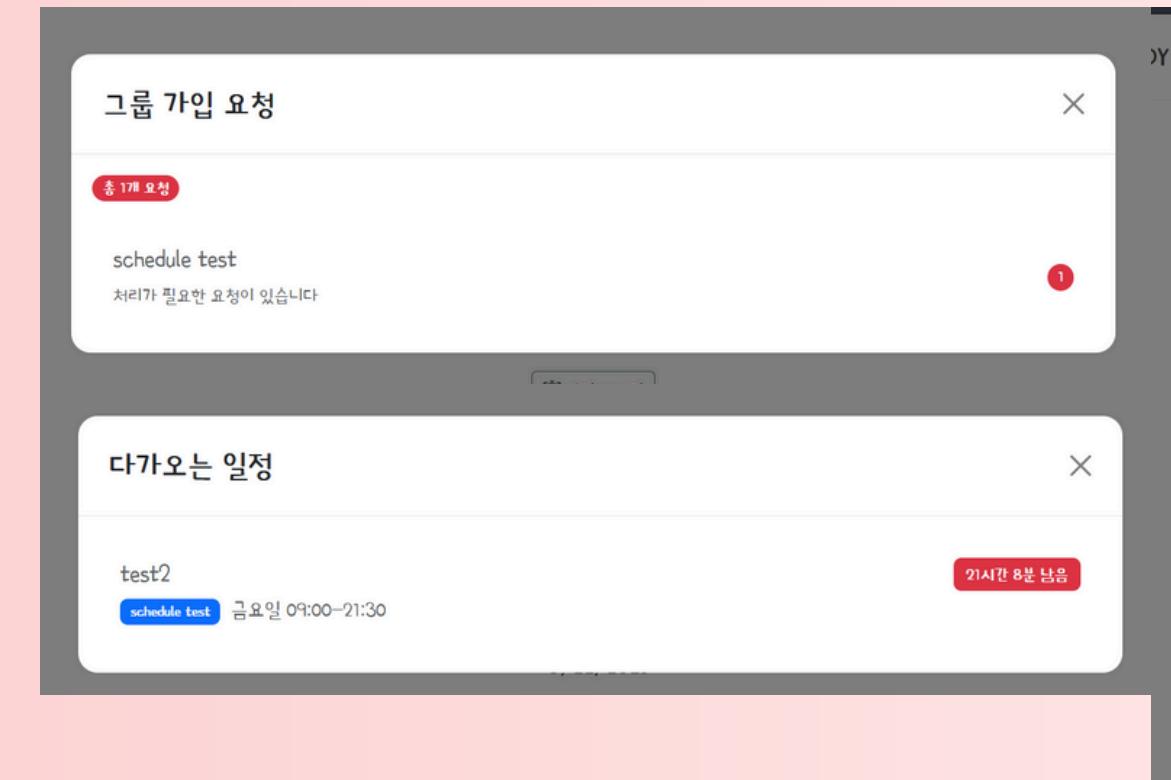
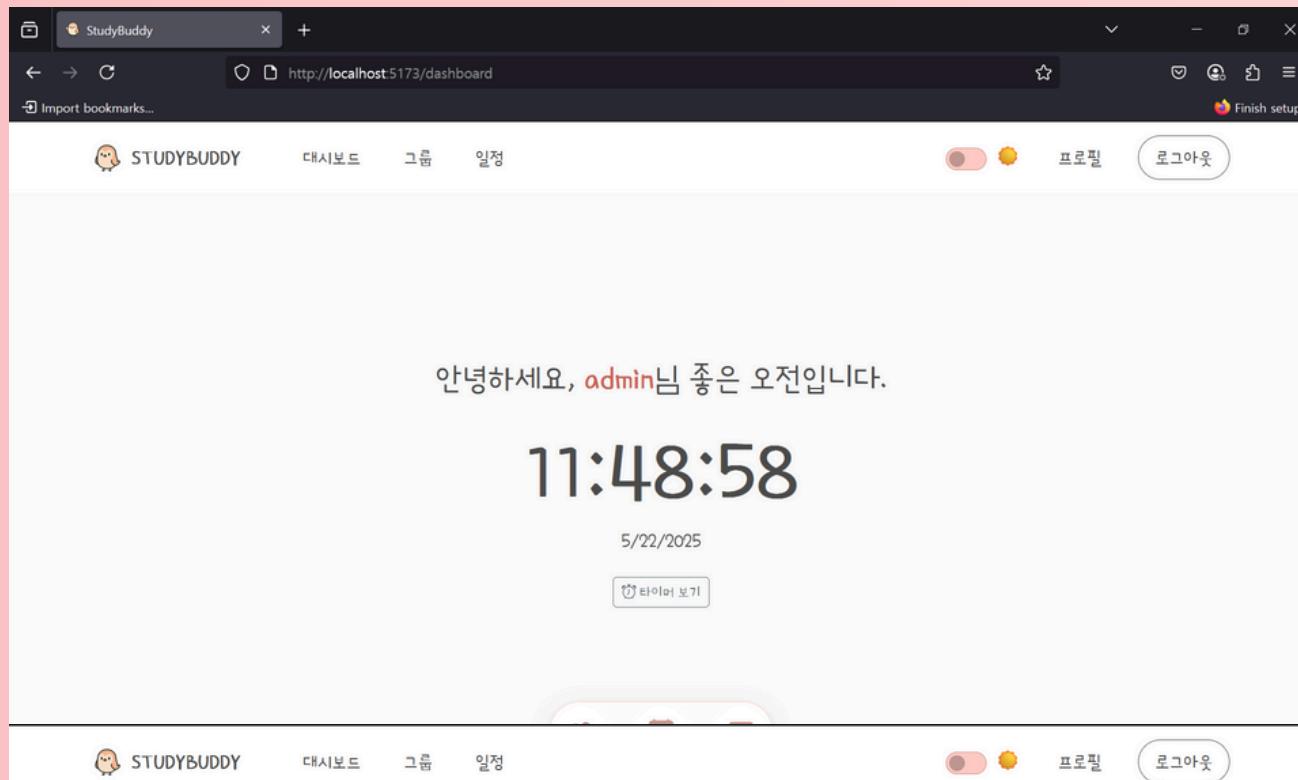
Techniques used in project

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# Dashboard Page Design



# Group Page Design

Myschedule-layout

이번 주 요일 체크

Mon Tue Wen Thur Fri Sat Sun

Tom ✓ Tom ✓ Jerry ✓

timeTable 생성

월요일 hh:mm 모두 가능해요!

2/5 체크 완료

팀원 모두 체크하면

1) Tell us when you'd like to meet.  
To start, select a range of dates (or a single day) for when you'd like to meet with your group.

15 16 17 18 19 20 21  
22 23 24 25 26 27 28

2) Fill in your availability.  
Fill in your availability for the date(s) you selected, which will be shown to everyone else in your group. Protip: connect your Google Calendar to view your events underneath!

# Profile Page Design



UserProfile-layout

profile img 필요?

관심스택 Java Spring MySQL AWS Docker

30 min.

1st floor Office B

Zoom

(GMT+02:00) - Berlin

Goal planning

user가 Tag같은거 직접 입력못하고  
존재하는 Tag에서 선택하도록

The image shows a user profile page with a sidebar containing user information (profile picture, name, 30 min., 1st floor Office B, Zoom, Berlin, Goal planning) and a modal window asking if a profile image is needed. The modal also lists tags from the user's interest stack (Java, Spring, MySQL, AWS, Docker, Zoom) and their location (1st floor Office B). A red bracket highlights the list of tags, and a red annotation text at the bottom right states: "user가 Tag같은거 직접 입력못하고 존재하는 Tag에서 선택하도록". The bottom of the image shows a dark toolbar with various icons.

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**progress so far**

Future plan

# progress so far

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개발 환경 세팅

4/7 ~ 4/13

사용자 인증 기능 구현

4/28 ~ 4/29

사용자 프로필 기능 구현

4/29 ~ 4/30

UI/UX 초기 작업

4/28 ~ 5/4



그룹 관리 기능 구현

5/5 ~ 5/11

스케줄 매칭 구현

5/12 ~ 5/18

캘린더 기능 구현 &&  
중간발표 준비

5/18 ~ 5/25

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**Future Plan**

# Future Plan

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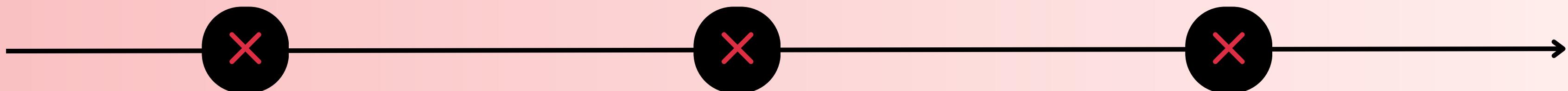
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UI/UX 개선 및 통일

예상 일정

5/26 ~ 6/1

최종 테스트 및 버그 수정  
CODE REFACTORING

예상 일정

6/2 ~ 6/6

최종 발표 준비,  
README, LICENSE  
문서 작업

예상 일정

6/7 ~ 6/8

**Thank You**