

Proposal

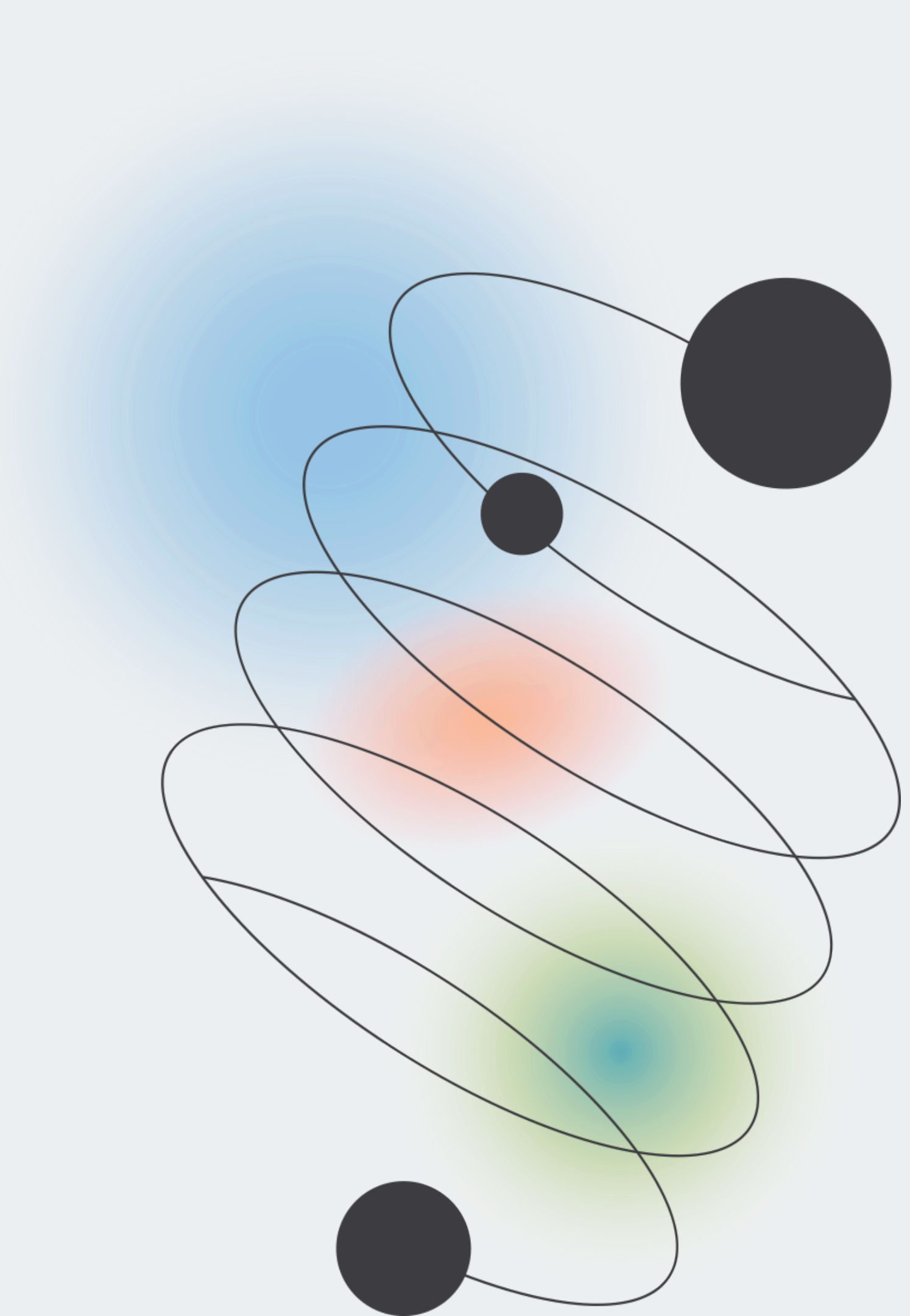
- LendMark 

Mobile Programming - team 4

23102009 Park Shinhyung

23102021 Lee Yeeun

23102031 Hwang Yuyoung



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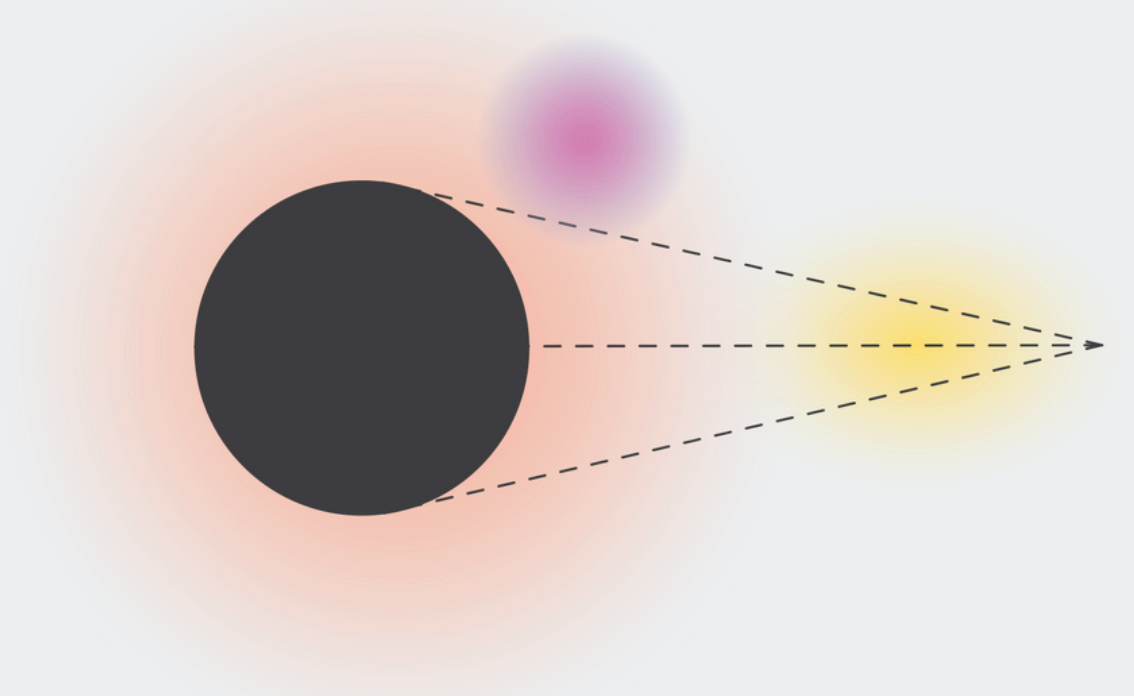
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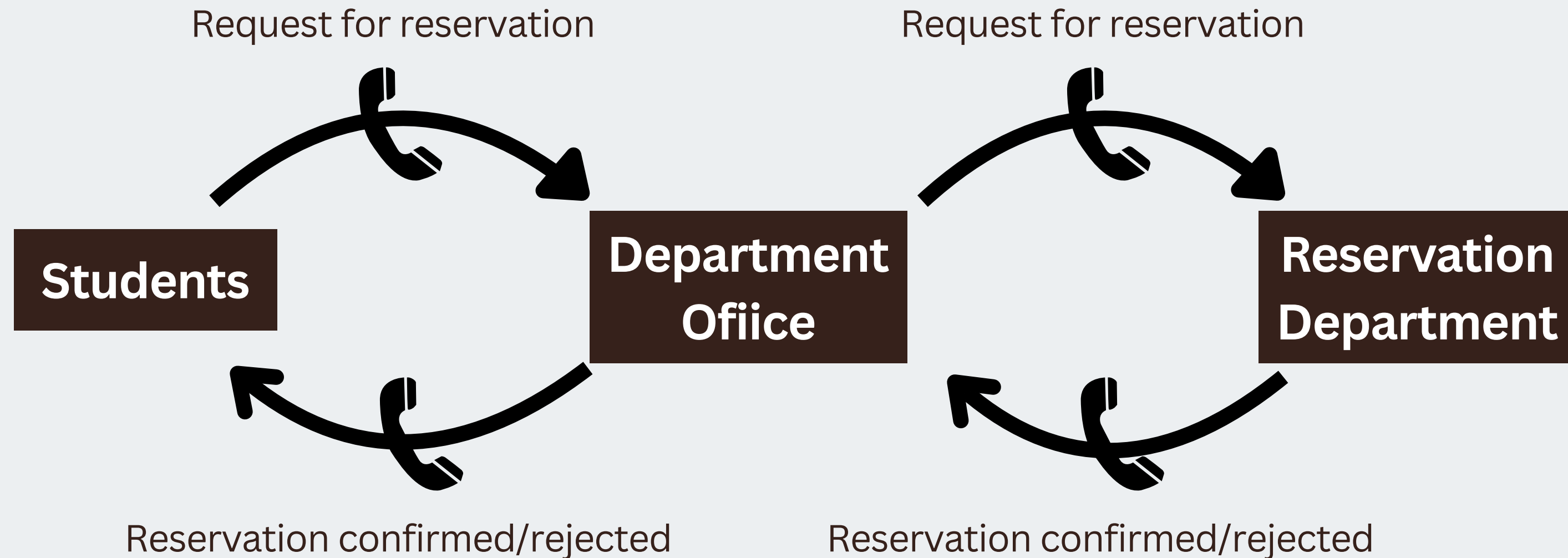
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Q & A



01. Background

- Current Seoul Tech classroom reservation system



→ **Complex and inefficient!**

02 .Our Application Name



LENDMARK

Lend + Landmark

“A landmark you can lend
— a symbolic, shareable space on campus.”

03. Our Application Goal



→ All Seoultech members can reserve
classroom directly in our application!

04. Main Application Concept

: A one-stop university classroom reservation app that enables map-based search, booking, management, and reviews.

Main Functionality

1. **User Management & Authentication**
2. **Timetable-Based Classroom Reservation System**
 - a. **Building List - Based Classroom Search**
 - b. **Map-Based Classroom Search**
3. **My : Reservation Status & Management (Notification)**
4. **Facility Information & Review**

05. Basic UI/UX

- Main Page

Search Bar

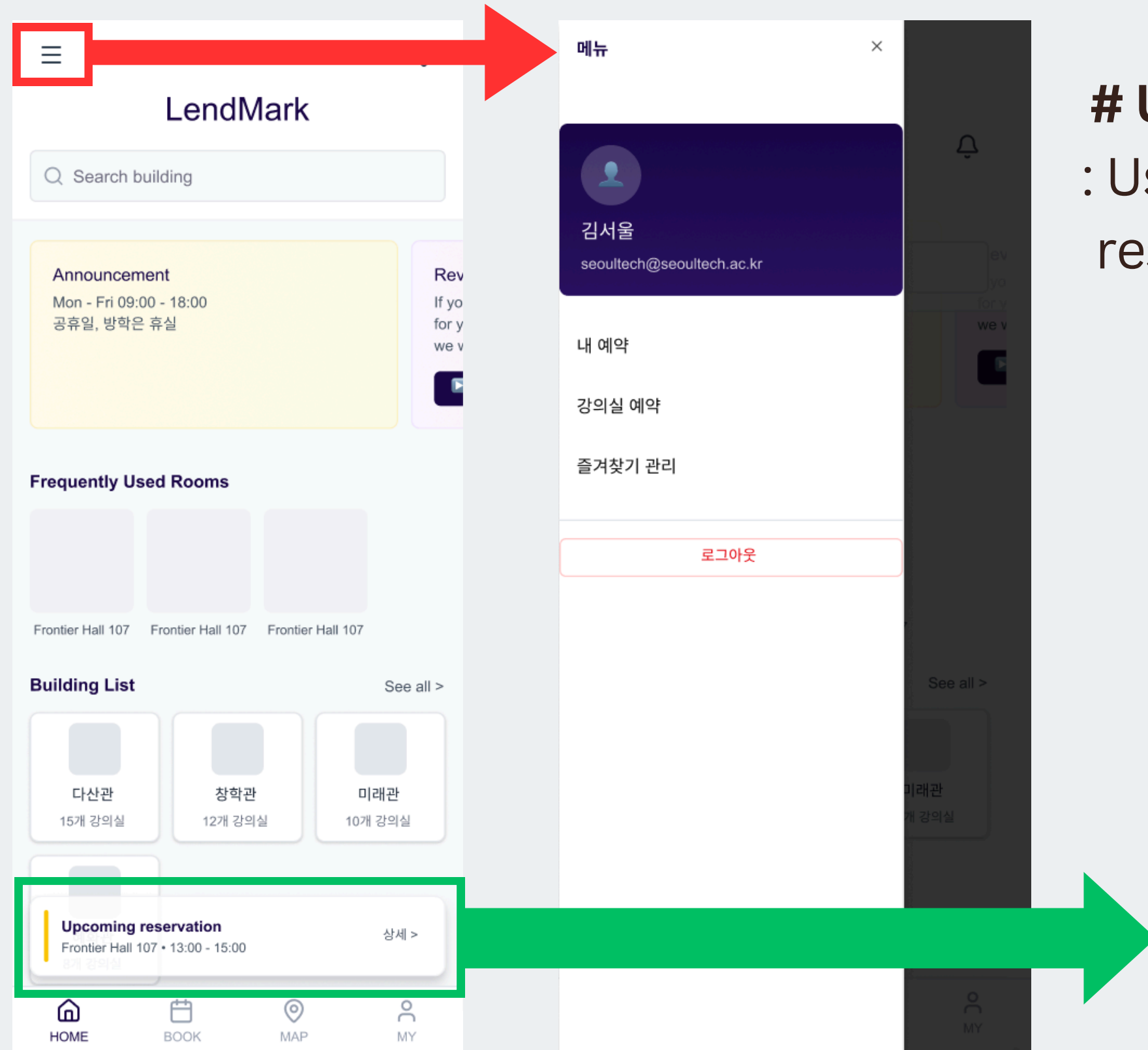
: Search the classroom name to go directly to the reservation

Frequently Used Rooms

: List of frequently used classrooms

Building List

: Total list of buildings




Upcoming reservation
: Users can see upcoming reservations and details

05. Basic UI/UX

- User Management & Authentication

Sign up & Authentication

: Users must sign up for using services and authentication via school email



LendMark

학교 이메일
example@seoultech.ac.kr

비밀번호
비밀번호를 입력하세요

로그인

회원가입 | 아이디/비밀번호 찾기

← 회원가입

이름
이름을 입력하세요

학교 이메일
example@seoultech.ac.kr

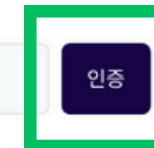
전화번호
010-0000-0000

학과
학과를 선택하세요

비밀번호
비밀번호 (6자 이상)

비밀번호 확인
비밀번호를 다시 입력하세요

회원가입 완료



이메일 인증

eee@seoultech.ac.kr로 전송된 인증 코드를 입력해주세요.

인증 코드 6자리

인증 확인

05. Basic UI/UX

- User Management & Authentication

Find ID

: Authentication via phone number

Find Passwords

: Authentication via school email

← 계정 찾기

아이디 찾기

비밀번호 찾기

가입 시 등록한 전화번호로 아이디를 찾을 수 있습니다.

전화번호

010-0000-0000

아이디 찾기

← 계정 찾기

아이디 찾기

비밀번호 찾기

가입한 이메일 주소로 비밀번호 재설정 링크를 보내드립니다.

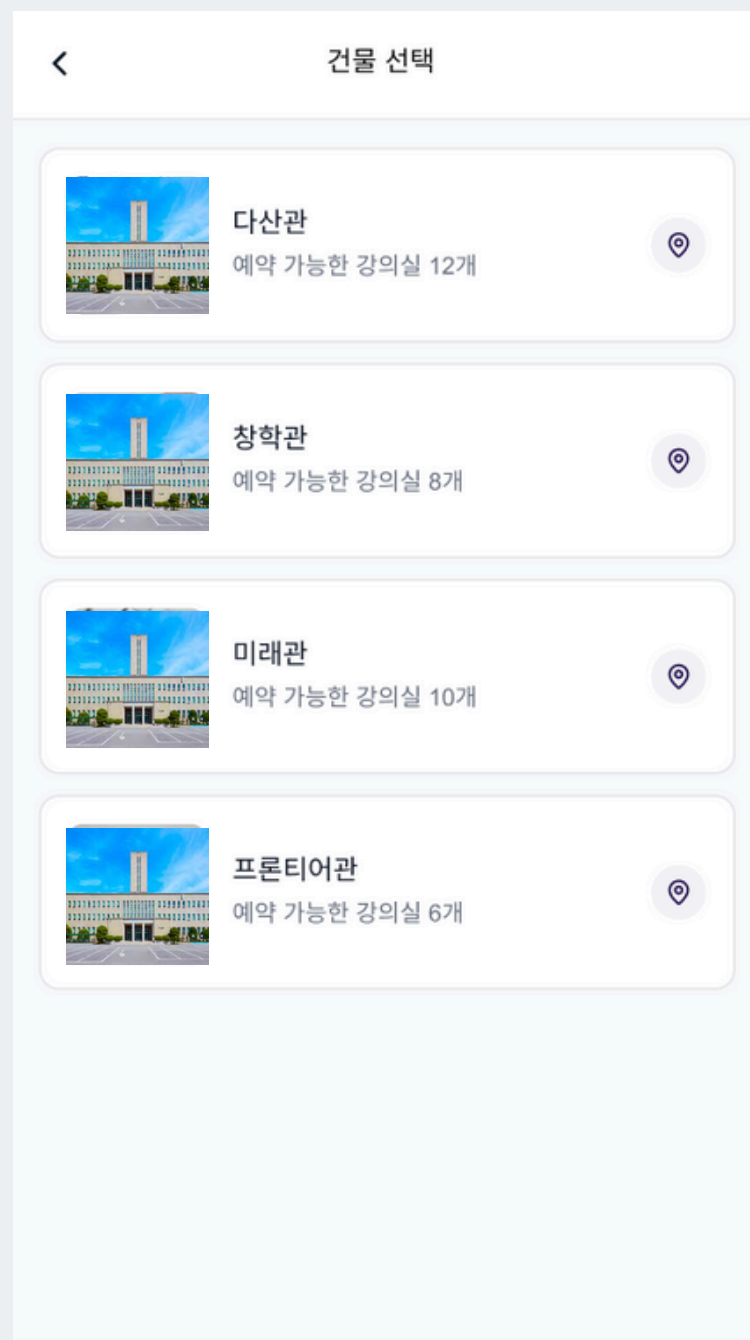
학교 이메일

example@seoultech.ac.kr

재설정 링크 받기

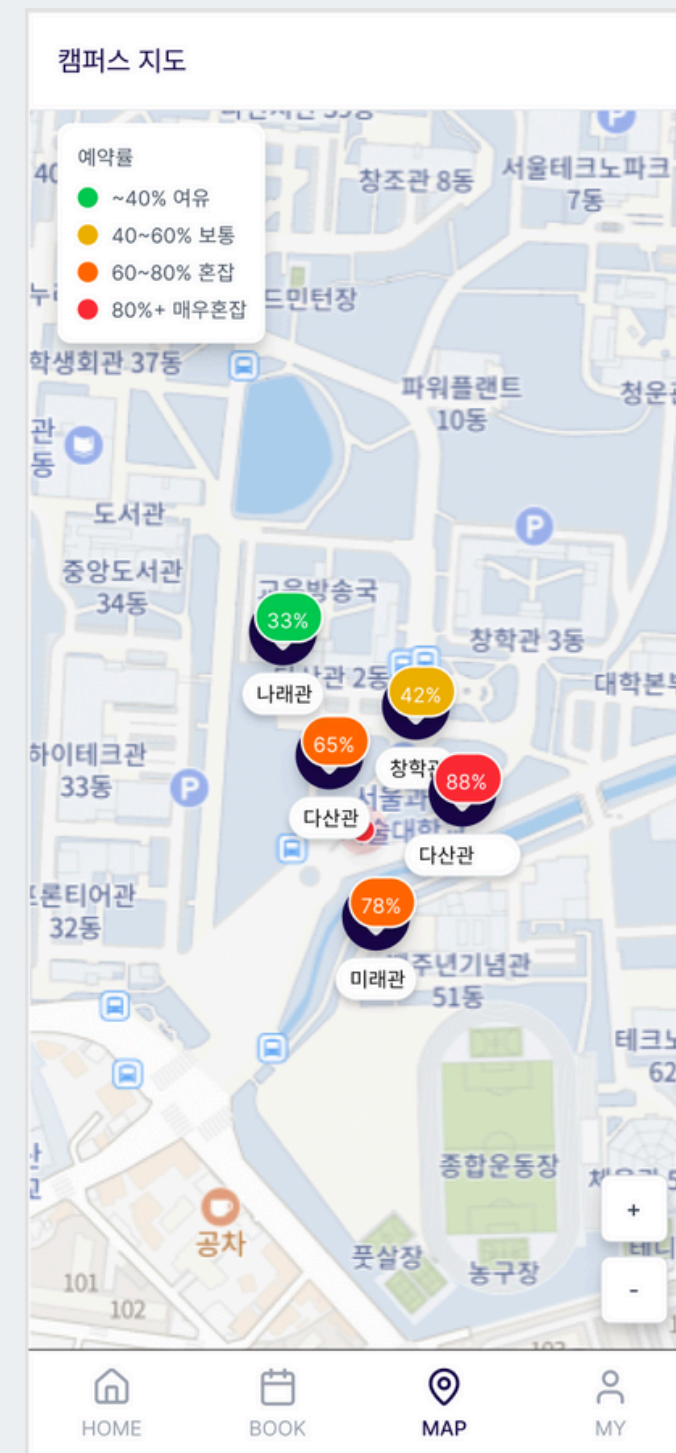
05. Basic UI/UX

- Reservation System : Two methods to view buildings



#Building List to Classroom Search

: Users can view a list of buildings at a glance, along with the number of available classrooms.

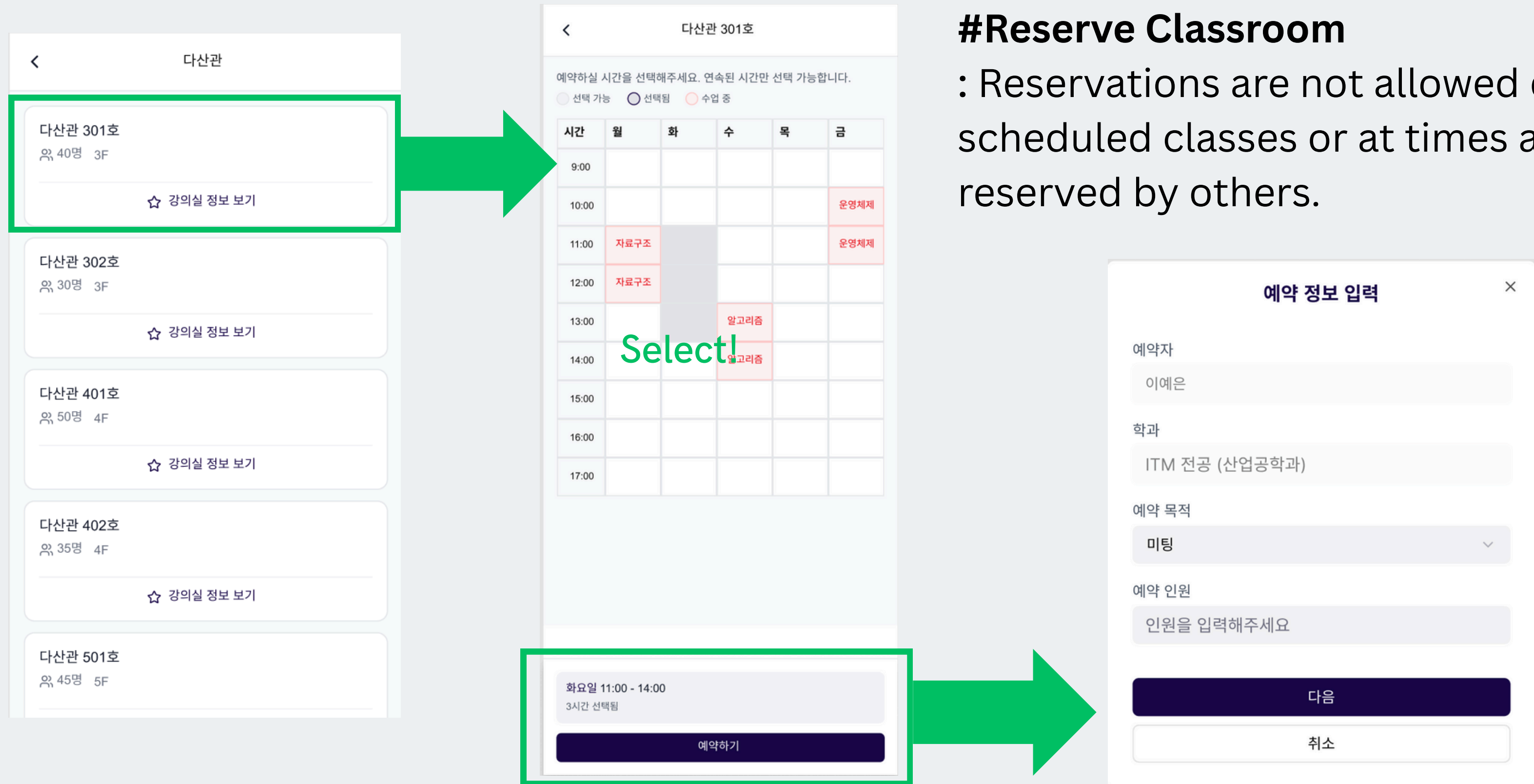


#Map to Classroom Search

: Users can check the nearest buildings based on current location and view the reservation rate.

05. Basic UI/UX

- Timetable based reservation



#Reserve Classroom

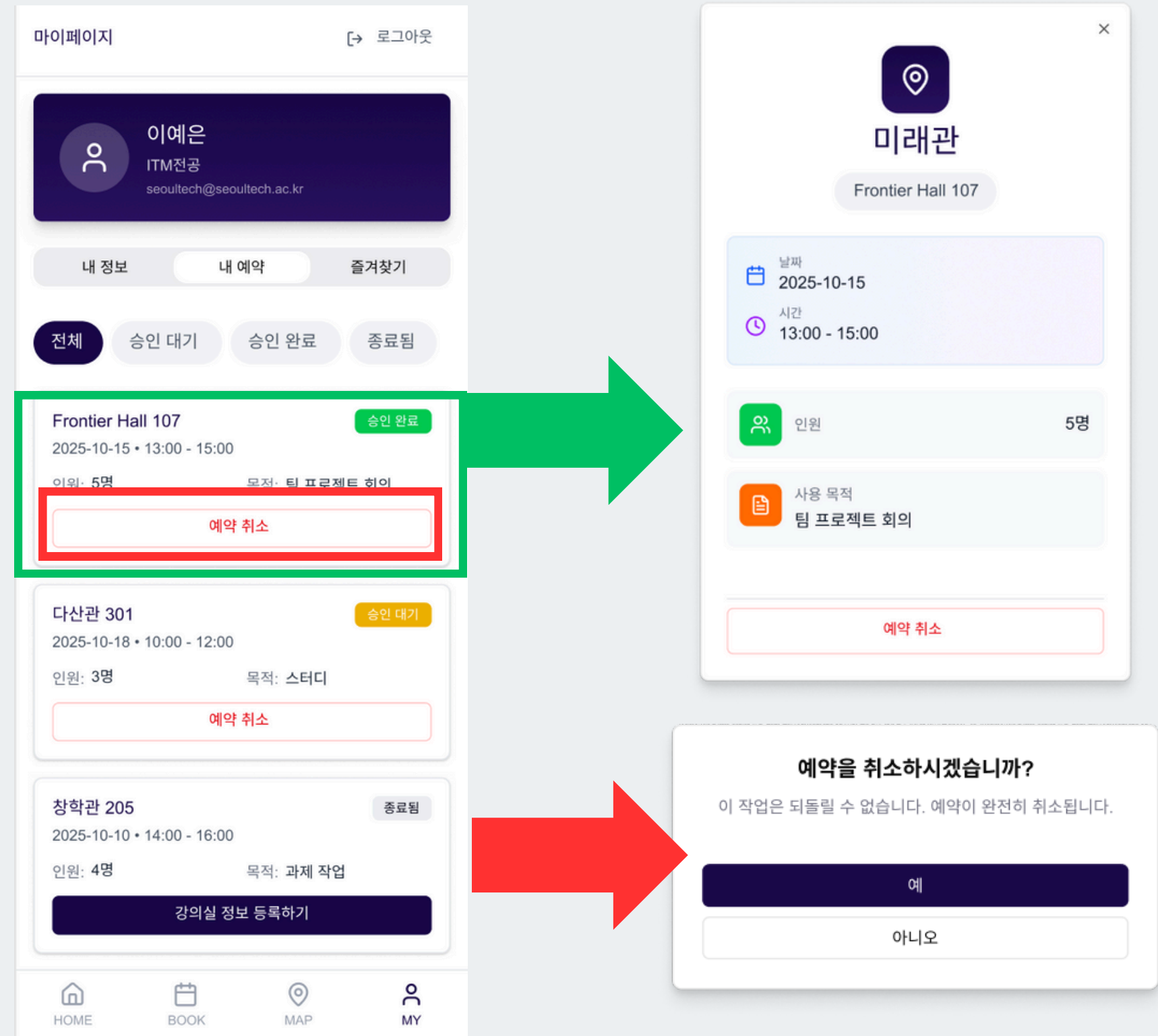
: Reservations are not allowed during scheduled classes or at times already reserved by others.

05. Basic UI/UX

- My : Reservation Status & Management (Notification)

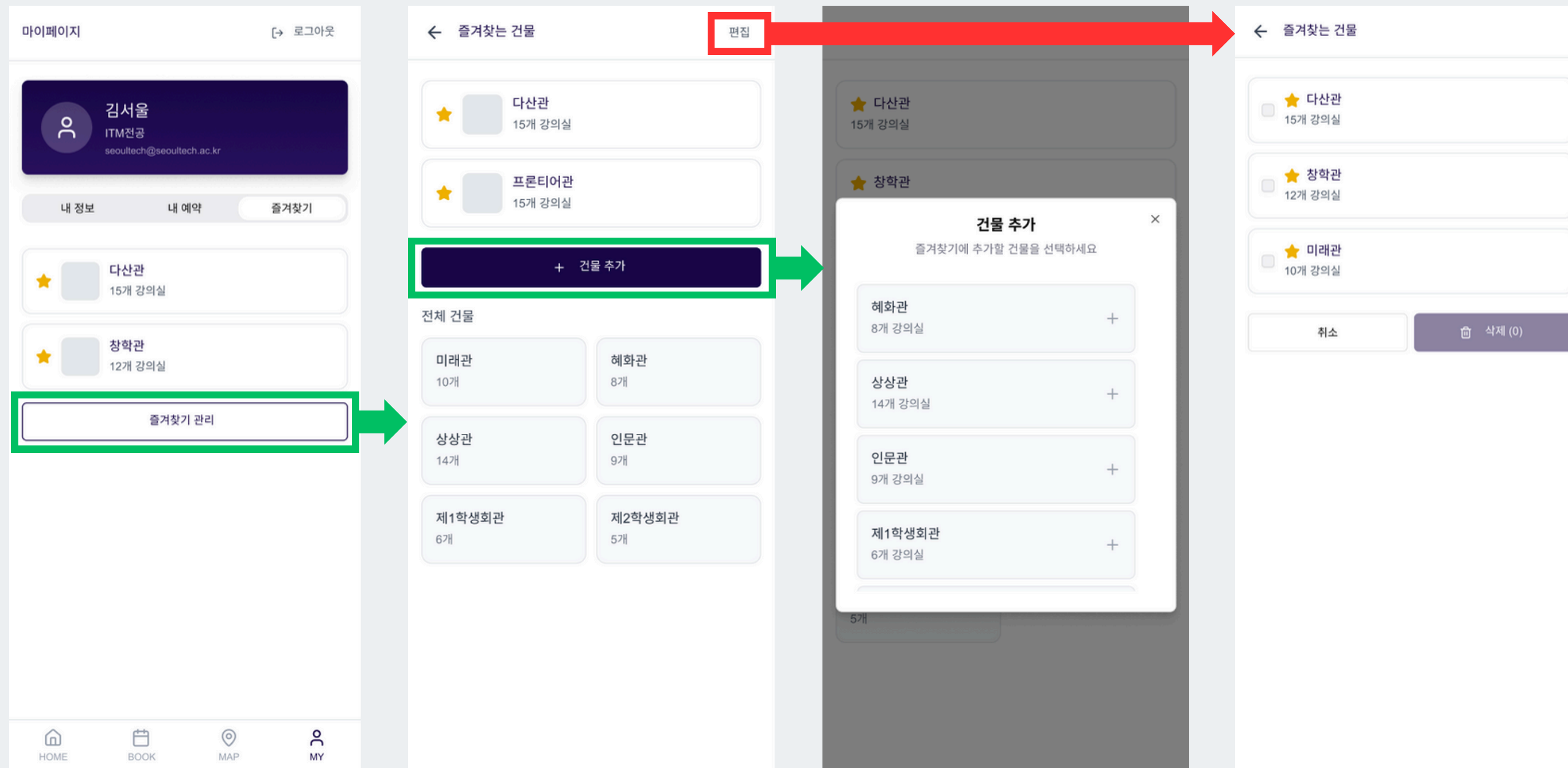
Cancel Reservation

: Upcoming reservations can be cancelled



05. Basic UI/UX

- My : Reservation Status & Management (Notification)



Favorite Building
: Users can register favorite or frequently used buildings

05. Basic UI/UX

- My : Reservation Status & Management (Notification)



#Notice reservation
: notification about
start/terminate
reservation(Before
30min for start, 10min
for terminate



#Notice reservation
:pop-up alarm in
application

05. Basic UI/UX

- Facility Information & Review

창학관 205 종료됨

2025-10-10 • 14:00 - 16:00

인원: 4명 목적: 과제 작업

강의실 정보 등록하기

HOME BOOK MAP MY

Registration Review

: Users can post a review of the classroom user used.
(by Tag form!)

강의실 정보 등록 ×

창학관 205호의 시설 정보를 선택해주세요

해당 강의실을 사용하신 경험을 바탕으로 객관적인 시설 정보를 등록해주세요.

- ☐ 빔프로젝터 있음
- ☐ 컴퓨터실
- ☐ 대형 강의실
- ☐ 중형 강의실
- ☐ 소형 강의실
- ☐ 칠판 있음
- ☐ 화이트보드 있음
- ☐ 에어컨 완비
- ☐ 난방 완비
- ☐ 창문 많음
- ☐ 조명 밝음

Display Review

: Users can see reviews about each classroom

< 다산관

다산관 301호
약 40명 3F

☆ 강의실 정보 보기

다산관 301호 ×

강의실 시설 및 정보

수용 인원 40명
위치 3F

시설 정보

빔프로젝터 있음 화이트보드 있음 중형 강의실

에어컨 완비 창문 많음

확인

06. Expected Timeframe

WE ARE HERE!

week 8

Proposal
Presentation

week 9

Completed UI/UX

Make Github
Organization

week 10

Database Structure
Design

Start development

week 11

~week 14
Development

week 15

Final Presentation

07. Role and Responsibilities

- **Shinhyung**

Application Development, Utilize APIs

- Git Management, Map-based Reservation Development, API Integration & Flow Control

- **Yeeun**

Application Development, UI Design

- UI/UX Design & Branding, Account & MyPage Development, Project Management & Documentation

- **Yuyoung**

Application Development, Server Development

- Backend & Database Management, List-based Reservation & Notification Features, API & Logic Optimization

Thank you!

Q&A