

Proposal

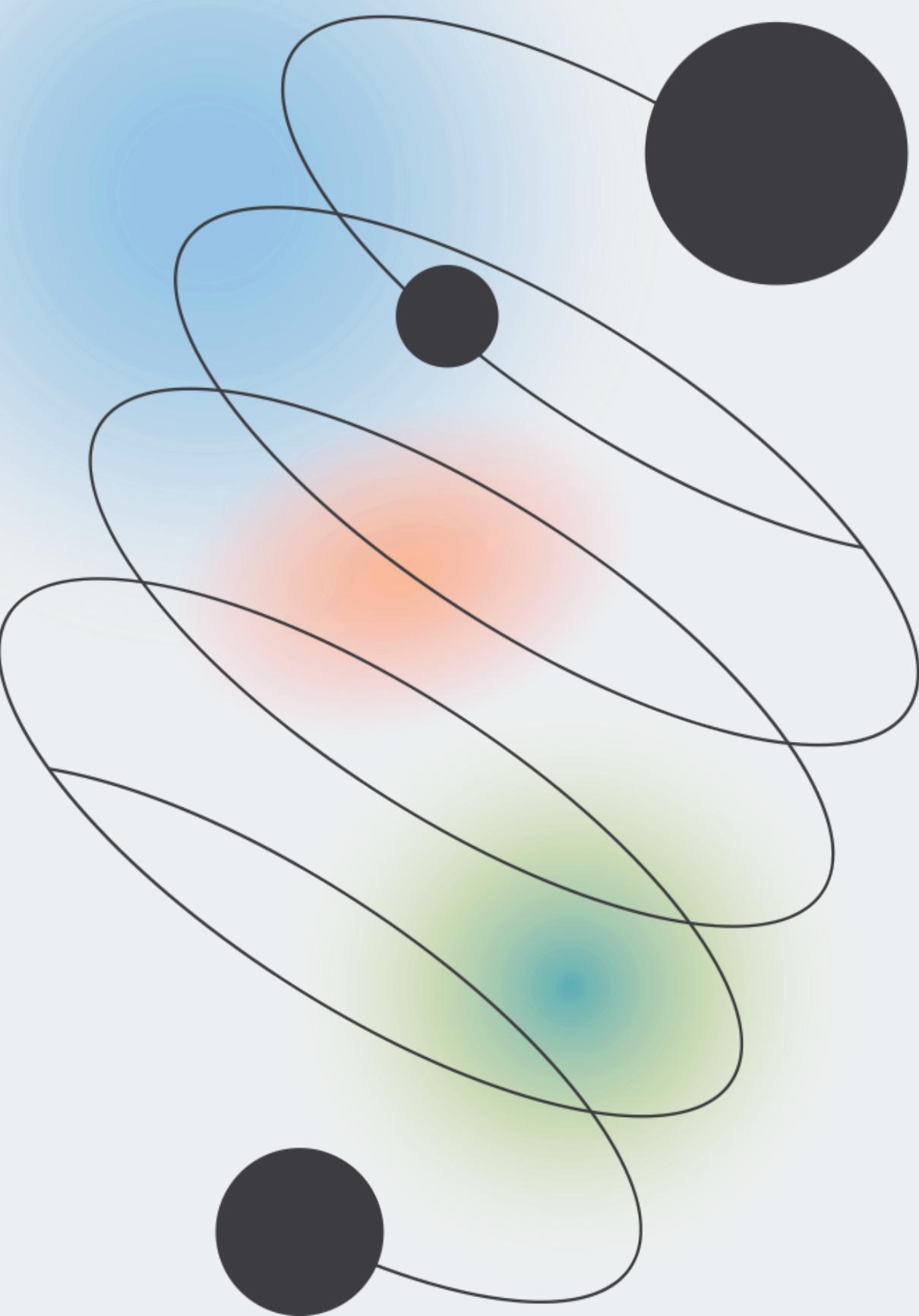
- LendMark 

Mobile Programming - team 4

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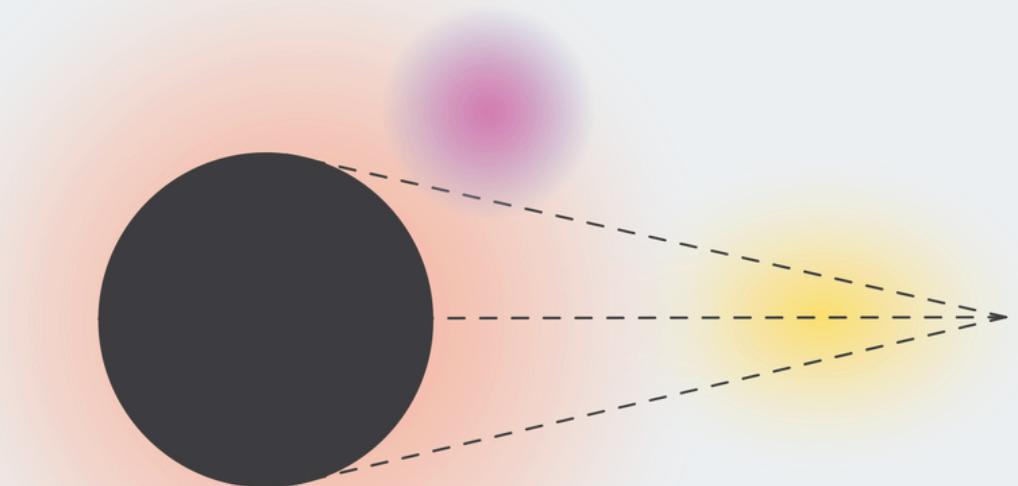
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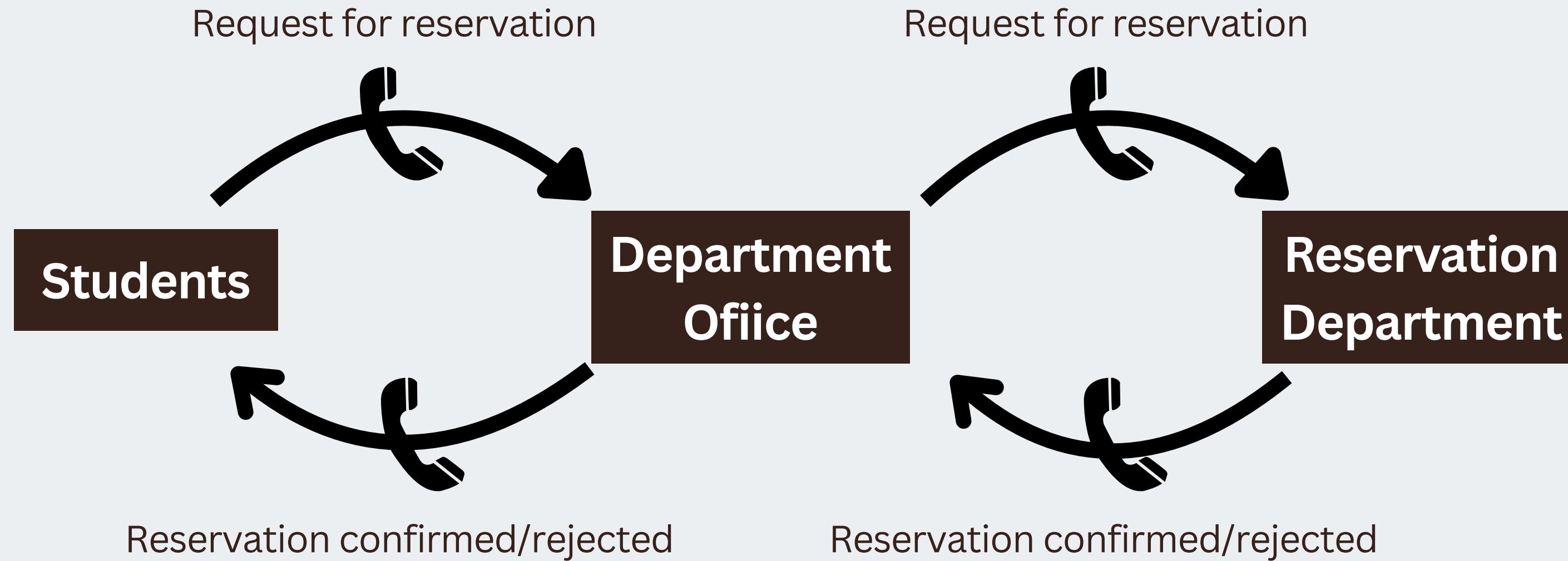
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Q & A



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

Students

Make a reservation



→ All Seoulttech 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

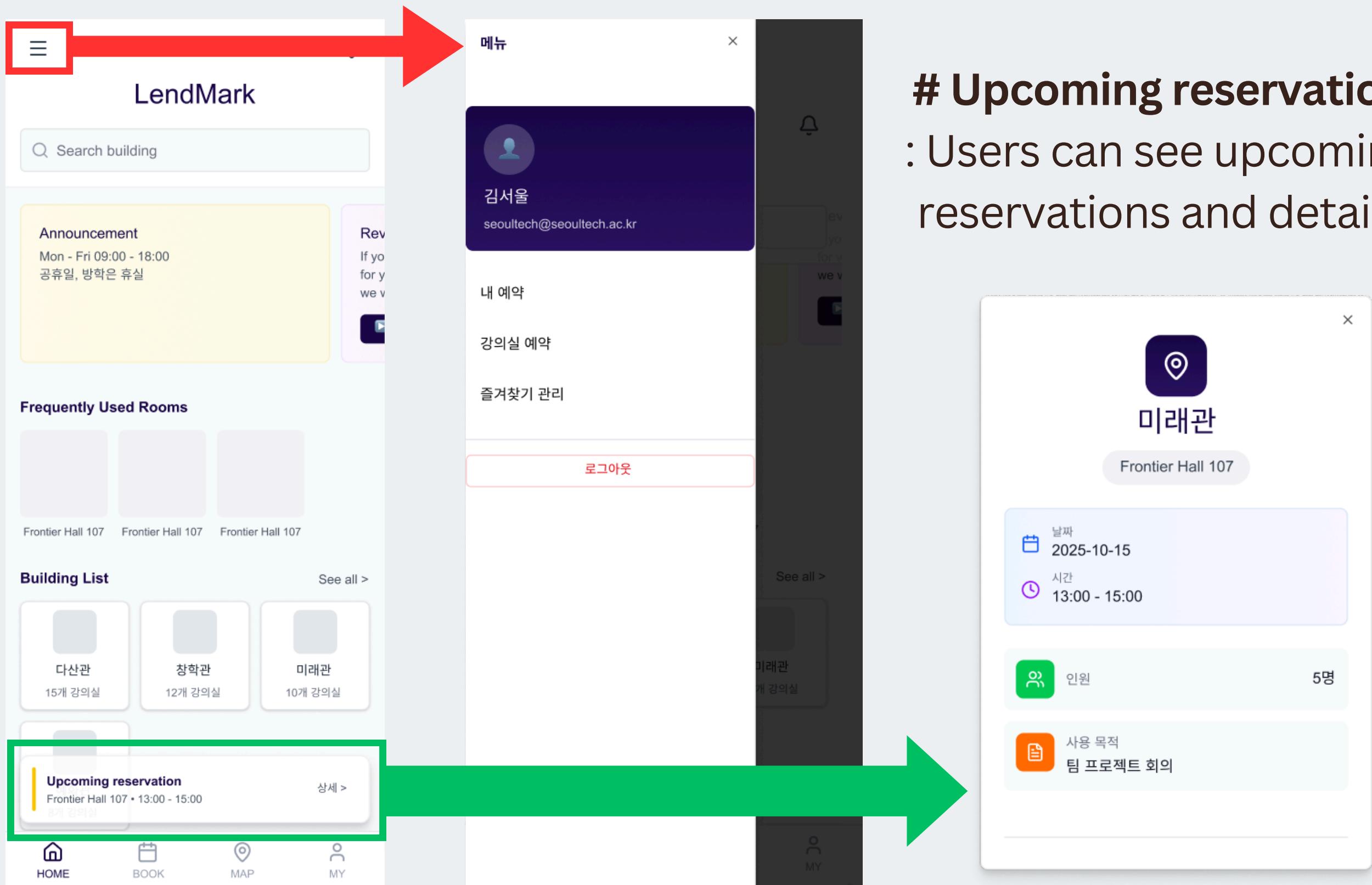
: Search the classroom name to go directly to the reservation

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

The figure consists of three screenshots illustrating the user management and authentication process:

- Screenshot 1: LendMark Login Screen**

This screenshot shows the LendMark login screen. It features a logo with a lock icon and the text "LendMark". Below the logo are two input fields: "학교 이메일" containing "example@seoultech.ac.kr" and "비밀번호" containing placeholder text "비밀번호를 입력하세요". A large blue "로그인" button is at the bottom.
- Screenshot 2: 회원가입 (Sign Up) Screen**

This screenshot shows the sign-up form titled "회원가입". It includes fields for "이름" (Name), "학교 이메일" (School Email) containing "example@seoultech.ac.kr", "전화번호" (Phone Number) containing "010-0000-0000", "학과" (Major), "비밀번호" (Password) containing placeholder text "비밀번호 (6자 이상)", "비밀번호 확인" (Confirm Password) containing placeholder text "비밀번호를 다시 입력하세요", and a "인증" (Verification) button highlighted with a green box. A large blue "회원가입 완료" (Sign Up Complete) button is at the bottom.
- Screenshot 3: Verification Overlay**

This screenshot shows a verification overlay titled "이메일 인증" (Email Verification). It displays the message "eee@seoultech.ac.kr로 전송된 인증 코드를 입력해주세요." (Please enter the verification code sent to eee@seoultech.ac.kr) and a text input field labeled "인증 코드 6자리" (6-digit verification code). A large blue "인증 확인" (Verify) button is at the bottom. A green arrow points from the "인증" button in Screenshot 2 to the "인증 코드" input field in this screenshot.

05. Basic UI/UX

- User Management & Authentication

Find ID

: Authentication via phone number

Find Passwords

: Authentication via school email

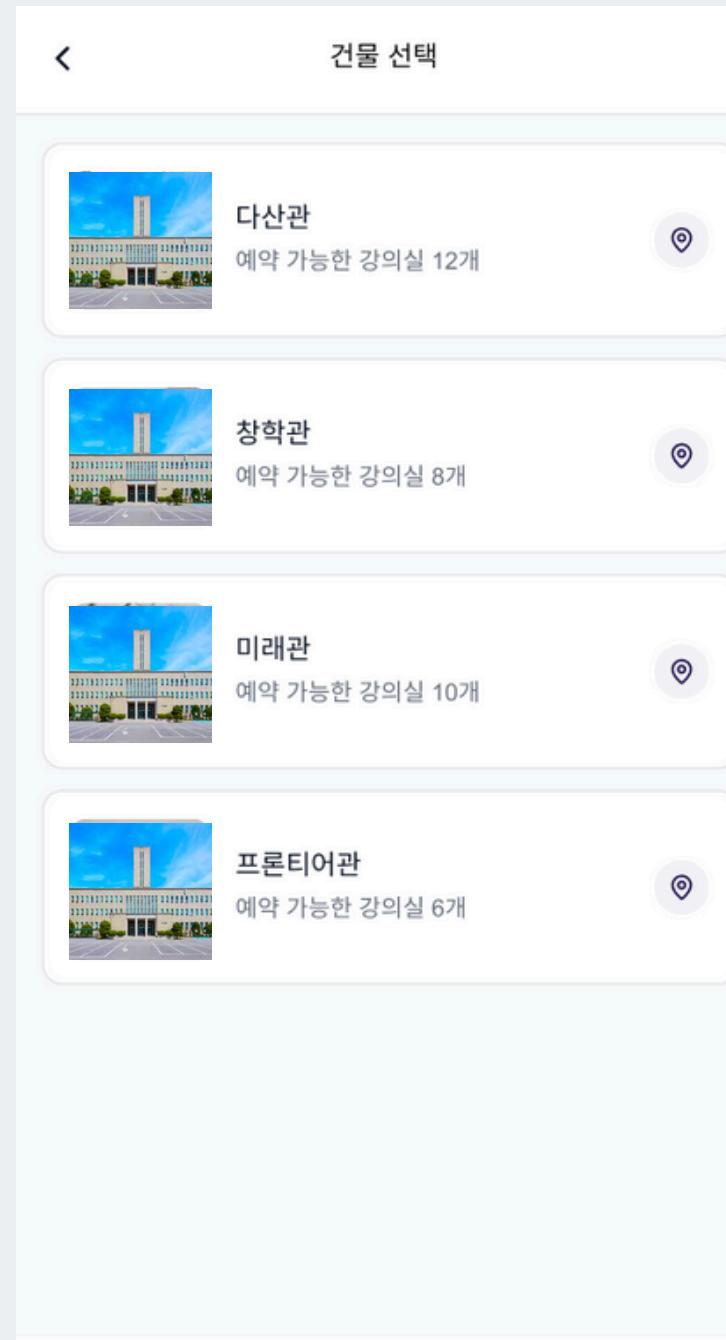
The image displays two side-by-side screenshots of a mobile application interface for user authentication.

Screenshot 1 (Left): This screenshot shows the "Find ID" screen. At the top, there is a back arrow icon and the text "계정 찾기". Below this are two buttons: "아이디 찾기" (left) and "비밀번호 찾기" (right). A note in Korean states: "가입 시 등록한 전화번호로 아이디를 찾을 수 있습니다." (You can find your ID using the phone number you registered at sign-up.) Below this is a text input field labeled "전화번호" containing the placeholder "010-0000-0000". At the bottom is a large blue button labeled "아이디 찾기".

Screenshot 2 (Right): This screenshot shows the "Find Passwords" screen. At the top, there is a back arrow icon and the text "계정 찾기". Below this are two buttons: "아이디 찾기" (left) and "비밀번호 찾기" (right). A note in Korean states: "가입한 이메일 주소로 비밀번호 재설정 링크를 보내드립니다." (A password reset link will be sent to the registered email address.) Below this is a text input field labeled "학교 이메일" containing the placeholder "example@seoultech.ac.kr". At the bottom is a large blue button labeled "재설정 링크 받기".

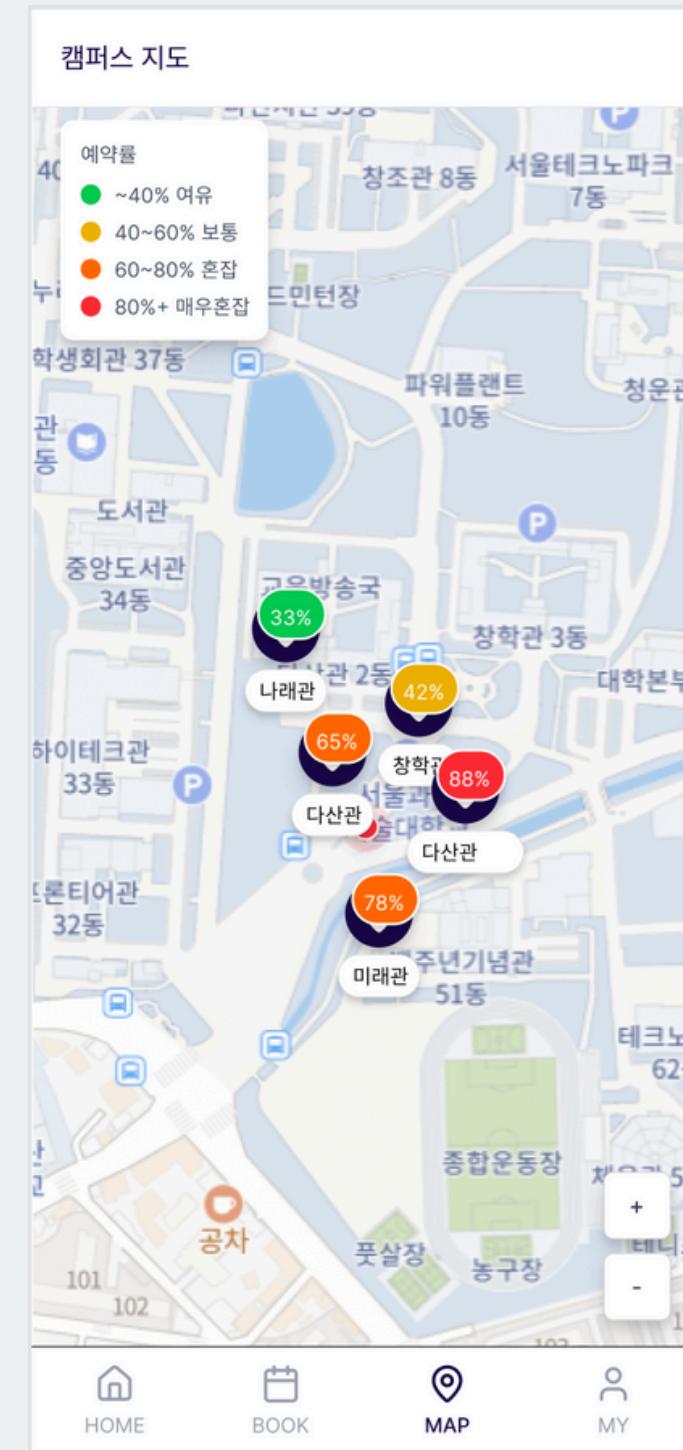
05. Basic UI/UX

- 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

다산관

다산관 301호
※ 40명 3F
☆ 강의실 정보 보기

다산관 302호
※ 30명 3F
☆ 강의실 정보 보기

다산관 401호
※ 50명 4F
☆ 강의실 정보 보기

다산관 402호
※ 35명 4F
☆ 강의실 정보 보기

다산관 501호
※ 45명 5F
☆ 강의실 정보 보기

다산관 301호

예약하실 시간을 선택해주세요. 연속된 시간만 선택 가능합니다.

선택 가능 선택됨 수업 중

시간	월	화	수	목	금
9:00					
10:00					운영체제
11:00	자료구조				운영체제
12:00	자료구조				
13:00			알고리즘		
14:00			알고리즘		
15:00					
16:00					
17:00					

화요일 11:00 - 14:00
3시간 선택됨

예약하기

예약 정보 입력

예약자: 이예은

학과: ITM 전공 (산업공학과)

예약 목적: 미팅

예약 인원: 인원을 입력해주세요

다음 취소

#Reserve Classroom

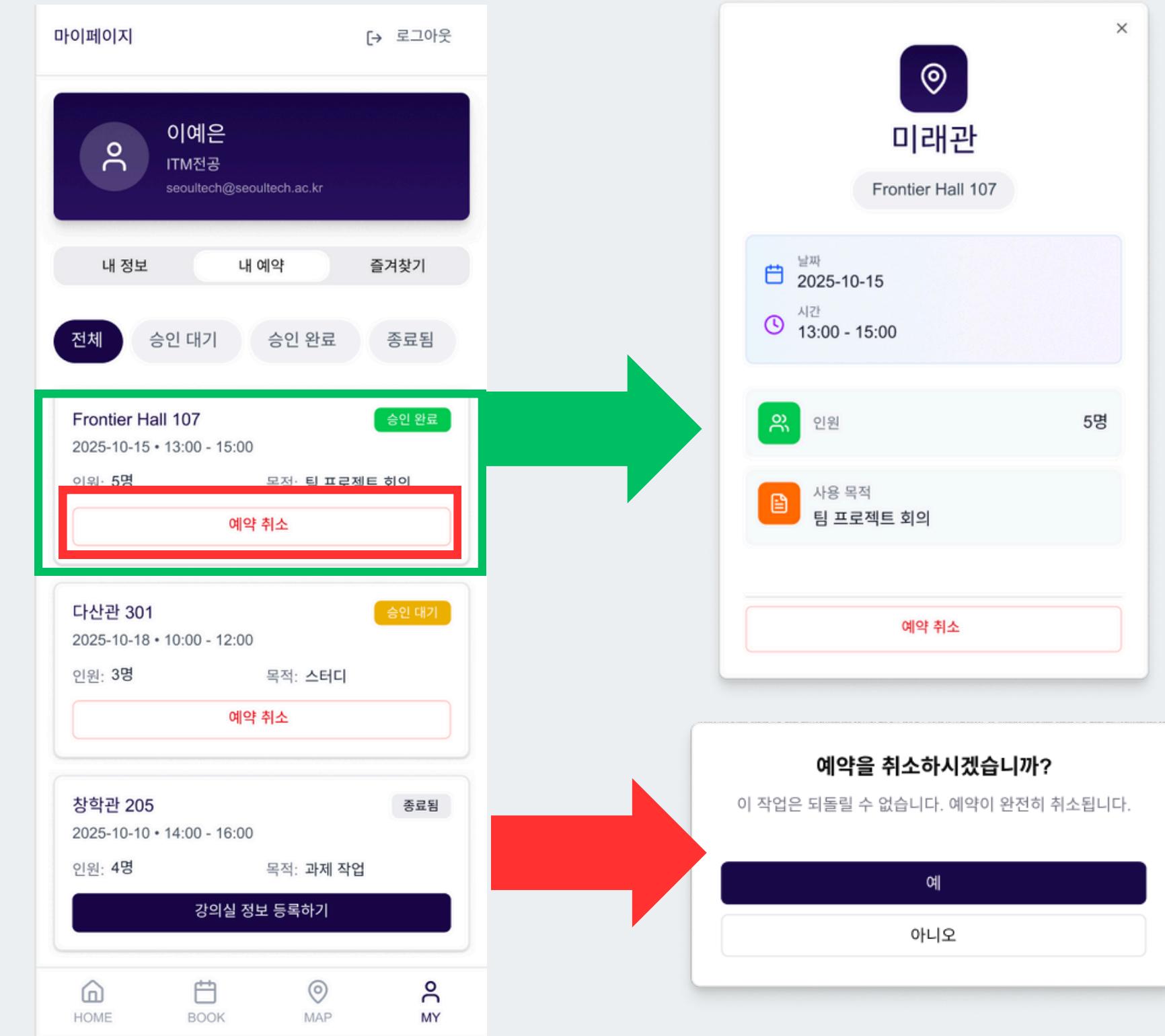
: Reservations are not allowed during scheduled classes or at times already reserved by others.

05. Basic UI/UX

- My : Reservation Status & Management (Notification)

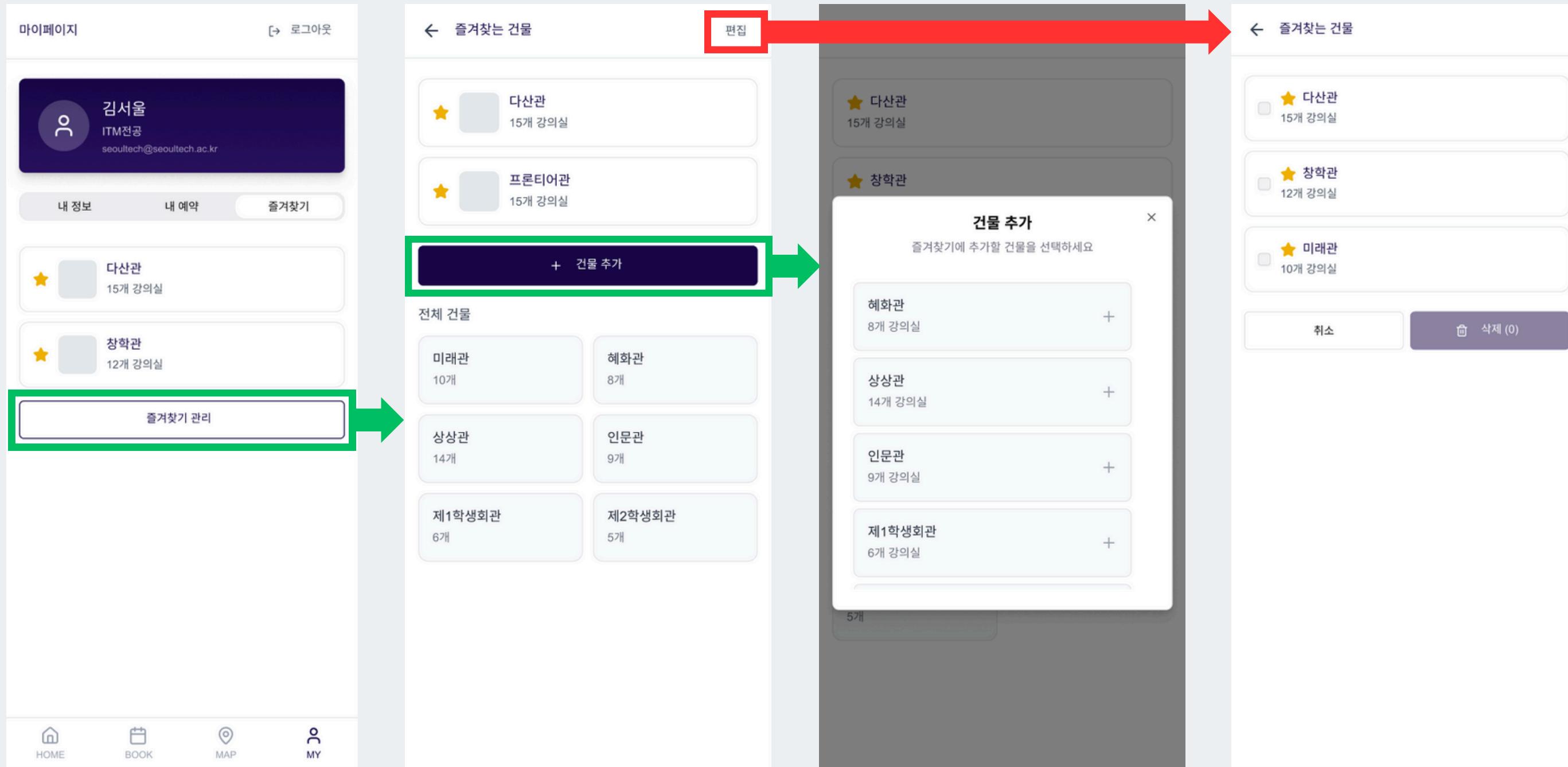
Cancel Reservation

: 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)



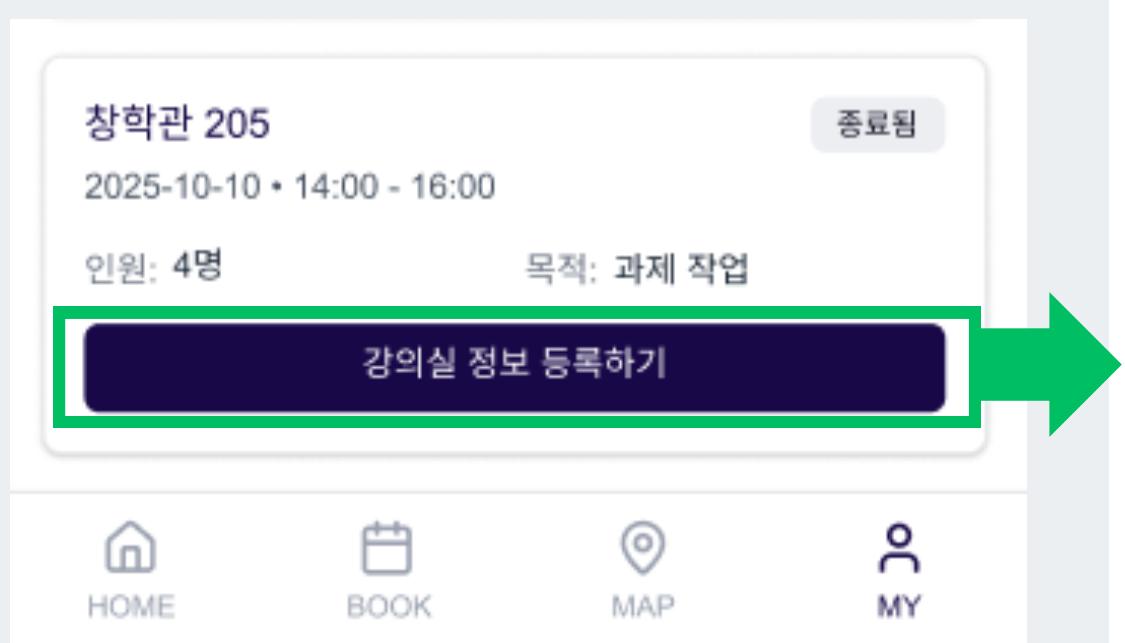
#Notice reservation
: notification about
start/terminate
reservation(Before
30min for start, 10min
for terminate



#Notice reservation
:pop-up alarm in
application

05. Basic UI/UX

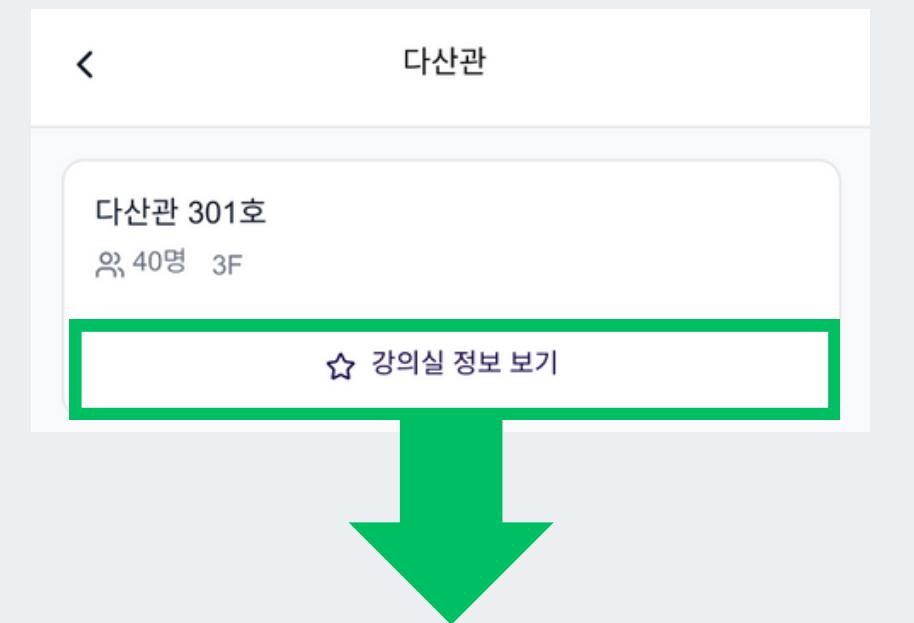
- Facility Information & Review



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



Display Review
: Users can see reviews about each classroom



06. Expected Timeframe

WE ARE HERE!



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