

Mobile Programming

Team Project

Curriculum (cont'd)

■ Schedule

- Team Project Overview / Team formation (W4)
- Midterm-exam (W7)
- Project Proposal (W8)
- WIP discussion (W11~12)
- Final project presentation (W15)

Curriculum (cont'd)

■ Grading

- Assignment 25%
- Midterm exam 25%
- Project 50%

Team Project: Overview

- Develop a mobile application based on your own

- Scenario
 - Design
 - Implementation
 - Report/Presentation

- 2-month length project

- Team-based project

Team Project: Example

■ Common project examples

- Diary app
- To-do app
- Budget app
- Fitness app
- News app
- ...

Team Project Results: 2022

- 10 teams

- Info (cctv, trashcan) finding app
- Item (photo, delivery, taxi-riding, survey) sharing app
- Diary app
- Accounting app
- Todo (with Map) App
- ...

Team Project Results: 2023

- 11 teams

- Info (travel, sports, university) finding app
- Item (schedule, delivery) sharing app
- Fitness app
- Diary app
- Store management app
- Todo (with Map) App
- ...

Team Project Results: 2024

■ 8 teams

- Info (travel, restaurant) finding app
- Item (schedule, travel, accounting) sharing app
- Diary app
- AI-driven Community/Chat app
- ...

Team Formation

- Random teams

- 9 * 3 members
- 1 * 4 members

- Check your team!

- E-class → team project → enter your room

Team Project: Deliverables

■ Milestones

- Proposal (24/Oct)
- Work-In-Progress (7~14/Nov)
- Final presentation (12/Dec)

■ Project source files (final)

- Zipped Android project (eClass submission)
- Github repo, if applicable (+@)
 - The project development history must be archived
 - i.e., only a 1-day commit for the whole source code will not be considered

Team Project: Proposal

- Summary of your idea + Q&A

- Application name
- Main application concept
- Basic UI/UX
 - You can use any software/tools to design your components/layouts
 - Even you can just draw your UIs using your pencils
- Expected timeframe
- Role & responsibilities

- When: 24/Oct, 10mins/team

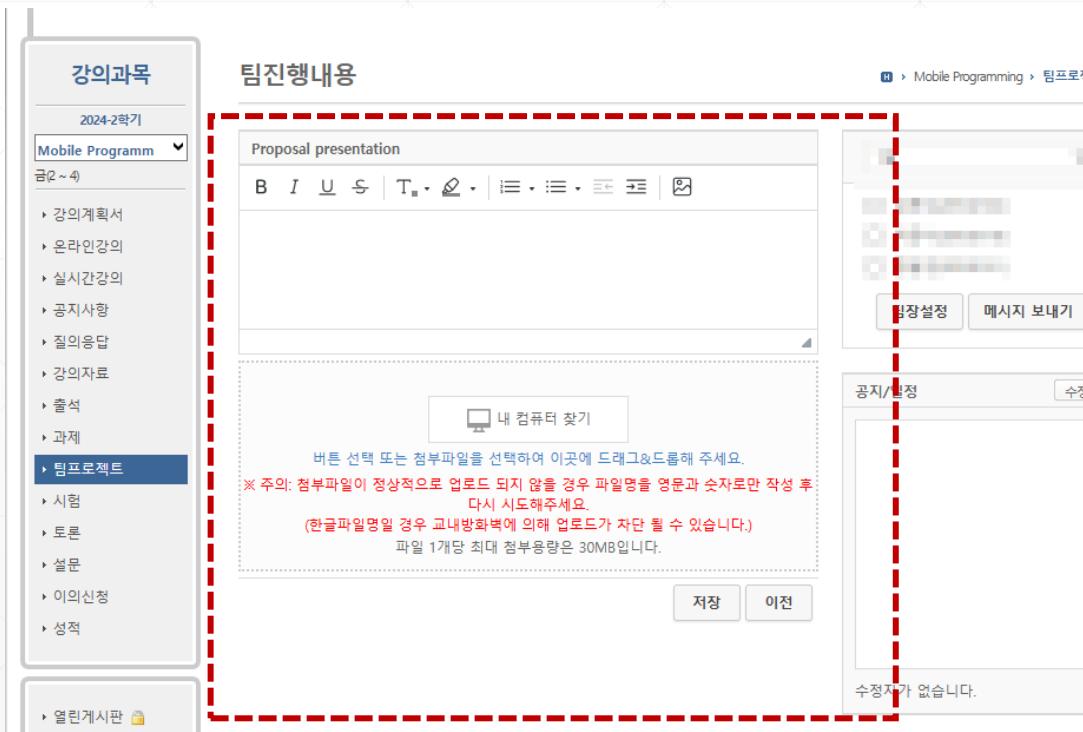
- How: Offline live presentation in English

- Your implementation/design, of course, can be changed in the future!

Team Project: Proposal

■ Submission

- eClass → Team project → Enter your room → Posting
- Submit your PPT slide (use Google Drive if your file size > 30MB)



Team Project: Work-in-Progress

■ Summary of your development progress

- Completed part
- Incomplete part
- Role & Responsibilities
- Any ongoing issues on your project

■ When: 7~14/Nov, 20min/team

■ How: Offline team-based meeting w/ tutor @Frontier 610

■ Materials to be prepared

- 1~2 pages length document to discuss
- Demonstration (live or <=1min video)

Team Project: Final presentation

■ Agenda

- Background and motivation
- Role & Responsibilities
- Methodology
- Demonstration

■ When: 12/Dec, 15mins/team (strict, 10mins presentation + 5mins Q/A)

■ How: offline live presentation in English

■ Submission format

- PPT slides + Demonstration videos

Team Project: Grading

- Presentation (15%)
- Features (15%)
 - If your application provides useful/novel/fancy functionalities?
- Completeness (30%)
 - If your application features work correctly?
- Self-motivated development (40%)
 - More widgets/layouts?
 - More device features?
 - More 3rd party libraries/frameworks?
 - More components of Android?