

# Mobile Programming



Team Project

# Curriculum (cont'd)

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## ■ Schedule

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

# Curriculum (cont'd)

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## ■ Grading

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

# Team Project: Overview

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- Develop a mobile application based on your own
  - Scenario
  - Design
  - Implementation
  - Report/Presentation
- 2-month length project
- Team-based project

# Team Project: Example

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## ■ Common project examples

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

# Team Project Results: 2022

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## ■ 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

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## ■ 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

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## ■ 8 teams

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

# Team Formation

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- Random teams

- 9 \* 3 members

- 1 \* 4 members

- Check your team!

- E-class → team project → enter your room

# Team Project: Deliverables

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## ■ 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

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## ■ 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)

강의과목

2024-2학기

Mobile Programm

금(2 ~ 4)

강의계획서

온라인강의

실시간강의

공지사항

질의응답

강의자료

출석

과제

팀프로젝트

시험

토론

설문

이의신청

성적

열린계시판

팀진행내용

Proposal presentation

B I U

내 컴퓨터 찾기

버튼 선택 또는 첨부파일을 선택하여 이곳에 드래그&드롭해 주세요.

※ 주의: 첨부파일이 정상적으로 업로드 되지 않을 경우 파일명을 영문과 숫자로만 작성 후 다시 시도해주세요.

(한글파일명일 경우 교내방화벽에 의해 업로드가 차단 될 수 있습니다.)

파일 1개당 최대 첨부용량은 30MB입니다.

저장

이전

공지/발정

수정

수정자가 없습니다.

# Team Project: Work-in-Progress

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- 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  $\leq 1$ min video)

# Team Project: Final presentation

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## ■ 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

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- 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 3<sup>rd</sup> party libraries/frameworks?
  - More components of Android?