

CSC 2990: Mobile Programming

Fall 2023

Term Project Rules and Requirements

Overview:

During the semester, students will work in teams of 2-3 students to design and implement a mobile app of their own design. In addition to the app, each team will need to write a final report paper describing the app. The source code of the project needs to be hosted in a GitHub repository. **Make sure to share and give the instructor access to the repository (GitHub ID: eparrarod).**

The project has a set of deliverables:

- 1) A **project proposal**, outlining group members and app to be developed (see *Proposal Template.docx* and proposal samples on Canvas).
- 2) A **progress report**, which will describe in detail the technical details of your project and the contribution of each team member to the project. (see *Progress Final Report Template.docx* on Canvas).
- 3) A **presentation and demo of the app (5 – 10 min)** describing the current state of the project, including:
 - a. A general overview of the project
 - b. A short description of the functionality of the project and work distribution
 - c. A demo of the current project
 - d. A description outlining what features are not implemented and how would those be implemented as well as an estimate on how long it would take to fully implement all the functionality.
- 4) **Source code** up to date in the GitHub repository (A link to the repository should be included in the report)

Items 1-3 above need to be submitted **only once per team** on Canvas.

Item 4 does not require a separate submission on Canvas, only the **updated link to the code on GitHub** within the report.

All team members need to make significant contributions to all of the items. Lack of contribution from a team member will negative impact the individual grade regardless of overall completion of the project.

Deadlines:

- **Thursday, Sept 7th: *Proposal* due in class.**
- **Tuesday, December 12th: *Project code and report* due @ 11:00 am**
- **Tuesday, December 12th: *Presentations and Demo* @ 11:00 am**

Grading:

Note: all points will be added up and weighted according to the following rubric to obtain your final project grade. *The grades for all deliverables will be computed based on their overall quality and the performance delivered by the group, as well as the individual contribution of a student to the deliverable.* It is therefore very important to document the contributions of each team member in detail in the final report.

- A. **Proposal (5%):** 5 points
- B. **Contribution to and quality of the final report (15%):** 15 points
- C. **Contribution to and quality of the presentation and demo (15%):** 15 points
- D. **Contribution to and quality of the project (60%)** based on source code (features implemented; progress made): 60 points
- E. **Peer Evaluations (5%)** based on responses to the peer review form: 5 points