

Semester Project

You will work in 3- to 4-person teams to design and code an application. You will only have around 8 weeks of engineering time. That time will go quickly so get started immediately.

Have fun, and take a chance on being creative while putting all the new concepts and APIs you've learned to use.

Checkpoint #1 – [October 21, 2019]

You should spend time understanding your project and its general outline before writing code. For Checkpoint #1 you will submit a single pdf file, containing a project writeup (no more than 2 pages in length) and a team member evaluation (no more than 1 page in length). Anything over these limits will be ignored. You will submit this document via git. Page 1 should describe the application concept, its key functionality, and rough architecture and list of android system components you expect to implement. Consider what special resources you may need, such as a networked server, database, etc. Enumerate the work items each team member is responsible for. Page 2 should include a storyboard with rough screenshot mock-ups suggesting how the final app will look and how the user will navigate the app. Page 3 should include a list of your team members, including yourself, and a short comment indicating any team members whose work contribution is substantially greater or less than the average team member.

Each student should submit their own copy of the requested documents.

The first two pages will be the same for each member of the team.

Checkpoint #2 – [November 11, 2019]

At this point, you should be well into writing code. For Checkpoint #2 you will submit a pdf document, containing a 1-page project writeup and a 1-page team member evaluation. You will submit this document via git. The first page of Checkpoint #2 should describe the state of the project's effort. What is done? What remains to be done? The second page should contain a list of your team members and a short comment indicating any team members whose work contribution is substantially greater or less than the average team member.

Each student should submit their own copy of the requested documents.

The first page will be the same for each member of the team.

Submission and Presentations – [Week of December 2nd]

Your final application must be submitted for grading. Your application should be entirely complete at this point. After the project is submitted, each team will give a 5-minute presentation to Dr. Porter and the TA staff.