

EECS 395: Development for Mobile Devices

Final Project

In lieu of a written final exam, the course has a final project. The goal of this project is for you to gain experience designing and developing a mobile app from start to finish. This project constitutes **40%** of your final grade, and there is **no** late credit. That 40% is broken down as follows:

5% will come from demonstrating your app to the class. You will present your application three times. The first presentation will be a short, informal proposal on **Friday, May 15th**. The second will be a slightly longer mid-project presentation where you demonstrate your app to the class, talk about your progress, and get feedback from your classmates. This will span two days, so you will present on either **June 1st** or **June 3rd**. The final presentation will be slightly more formal and will be held during the scheduled Final Exam time, **June 10 from 7-10 p.m.**

10% will come from two documents you write and turn in. The first is a project proposal and is due on **Monday, May 18th**. Its goal is to clarify your thinking about your project before you start writing a bunch of code. The second is a project wrapup document that you will turn in at your final presentation. What I'm looking for in the proposal document is discussed below.

The remaining **25%** will come from your final project itself. I'll go through your written proposals and make sure that we agree on what is an appropriate amount of your work for your final project,

but in general, your final project should be considered “AppStore worthy.” (Certainly more worthy than the Pull My Finger app.) It should be on par with the Recipes app. Three and a half weeks is not a lot of time to develop a complete app, and it is better to add and polish features than it is to remove features or implement them badly.

Project proposal

For your project proposal, I am looking for four things:

App description: This doesn’t need to be super long, three or four sentences is fine.

Competitive analysis: There are a ton of apps available already, and your app will necessarily be similar to at least a few of them. Give me three apps that are related or similar to your app, and a sentence for each about how your app is different.

Technical due diligence: Give me two or three sentences about what you think is going to be the most technically challenging part of your app.

Project plan: Either in paragraph or in list form, give me a tentative list of features/programming constructs in your app, and whether they’ll be done by the midway Project Update demonstration or not until the end. You should also include what you expect to be able to demo at the Project Update presentation.

As always, please email me at ndnichols@gmail.com or ask in class if you have any questions.