

Android – Fall 2012

Assignment 5 – Final Project Proposal

Before you can begin work on your final project, you must first submit a proposal describing your app, what it will do, who will use it, why they'll use it, and how you'll make it. You cannot begin work on your final project until your proposal has been approved, so be thorough and submit it early so you can start working.

Teams

You will be allowed to work in teams only if your idea is too big for one person, but can be reasonably accomplished by two or three. Teams will have to provide additional documents with their final project detailing their team experience and explaining the contribution that each member made.

Note that it is not acceptable for one student to make a web service and for the other to make the app. All students must write a significant portion of Android code. I strongly discourage students from creating apps that require a significant cloud component, but you are not forbidden from doing so.

Requirements

Your proposal document must answer the following questions:

1. What is your app idea?
2. Why is it a good idea?
3. Who will use your app, and why will they use it?
4. Does a similar app exist? If so, how will yours be different?
5. How will your app be laid out? What screens with the user see and what will they do? What is the workflow? (hint: make a diagram)
6. What classes, 3rd-party libraries, design paradigms, etc., will you use?
7. How will you manage your time? (provide a time table)
8. (Teams only) Who are you working with? How will you divide the work?

A good document should be several pages long and be very thorough. Include diagrams where needed and be very clear. Treat this document as if it were a proposal to a venture capitalist (such as VC Jim).

Overall your document should provide a clear vision of what your app is, why it's a good idea, and how you will make it without getting into the implementation specifics.

Submission

You will submit a PDF document to me via email at u0661237@utah.edu before Nov 5th at 11:59 PM. In the interest of getting you started on your projects as soon as possible, I will try to grade them as they are submitted. Once your project has been approved you may begin coding your app.

Grading

This assignment will make up 20% of your final project grade. You will be graded on how well you answer the questions above and on completeness, not on the quality of your idea. This is a writing assignment, so spelling, grammar, voice, structure, and all other literary concerns affect your grade. A good software developer must be able to communicate technical details to non-technical people.

Final Project

Your final project will be due **before** the last day of class, Dec 5th. During that class period each student/team will present their project to the class and everyone will have a chance to admire each other's work. More details will follow.