

CS 377U Understanding Users

P5: Minimum Viable Product

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Assignment Description

Getting quickly to the core of your app is important in moving quickly and enabling fast iteration when learning from real use. Consider the smallest possible feature set that you could make to allow someone to get the key value from your application and make it functional! Don't worry about all of the settings and edge cases or fancy design, focus on getting something working so that you can learn how it works for people (or doesn't!).

Your app should be functional such that someone could come to it and gain the main benefit and perform the core use case(s).

In Class Demo: Get your app working on your device. Frank will bring in a usability sled so that you can demo to the class on your device. Be prepared to show the main use case of your system from start to finish and get feedback from classmates on directions to go next.

Deliverables & Due Dates

Assignment is due on Thursday, April 28th @ 4:30 pm.

This will be a live demo in class. There is nothing to turn in outside of the demo.

Grading Rubric

This assignment is graded on a rubric out of 100 points. It is worth 10 percent of the overall grade at the end of the quarter.

Category	Unsatisfactory	Adequate	Good	Very good	Excellent
Demo 40 Points	Demo does not work. Nothing shown.	App is only working in an emulator.	App is running on real device, but not enough is shown to experience core of app.	App is running in a real device, but demo only cover what's working and not future plans.	App is running on a real device. Demo clearly highlights what is working and what still needs to be developed.
Functional App 60 Points	App is not functional (e.g. just linked screens, input not captured/saved, etc.)	App is only minimally functional - a small set of linked screens, but main use case is not functional end-to-end	Most of the main use case works, but not enough to get the full value or go end-to-end with a new user.	The main use case works end-to-end, but the app isn't ready to give to others to use.	App is functional for the main use case. It could be given to someone at this point, and they could get some value from it.