

# Deliverable 3 - Prototype Demo & Document

SE2: Software Design and Architecture (CS446, ECE452, CS646)

## Description

By D3 deadline (which is 1 month after submitting your proposal), you should have a prototype of your app with some functionalities working. You will demonstrate the prototype via a presentation and document your progress in a status report document.

## Demo

The format of the demo is 6 minutes presentation followed by 4 minutes Q&A.

Requirements:

- The demo should show at least one working user scenario. Simulated data / mock features are fine as long as some portion of the functionality works. (For example, your authentication page can just accept any username/password that always let the user in without actually checking against some backend system.)
- Please include all team members in the demo. The members who cannot make it to the assigned presentation slot can pre-record a video that will be played by other members in class. Each member is expected to speak either during the in-person demo presentation, in the pre-recorded video, or during the Q&A session. Those members who are present in the class during the demo should be prepared to answer all questions about the app (i.e., excuse like “another person worked on this part and I don’t know” is not acceptable).
- Your presentation, including any pre-recorded video, is limited to 6 minutes. The instructor will time your presentation and will give a hint when you have 1 minute left and 0 minute left. The instructor will stop your presentation if it goes 30 seconds over time.

Logistics:

- You can demonstrate your app from a mobile phone, tablet, laptops, or simulators on PC.
- The projector in the classroom supports HDMI connection, and the instructor will bring a HDMI to USB-C adaptor. If you need a different adaptor, please bring it yourself.

## Document

You should submit a demo summary & status report document, which should include the following parts:

- A brief summary of your demo (~ 1 page), highlighting which aspects of the demo are implemented and which parts are simulated/mock.
- The status report (~ 1 page) should describe:
  - your current progress on your app;

- what difficulties you are facing;
  - how have you addressed / do you plan to address the feedback from the TA and the buddy team;
  - a short overview of the next month of development.
- A component diagram (~ 1 page) that details the components, connectors, and topology of your app. Annotations should be added to denote the physical devices these components will execute on. The diagram should be sufficient to capture your system's architecture and topology; you can add markup notes as required for clarity.

Your document should be a PDF document in letter size. The page limit is **3 pages** (excluding acknowledgements and references). The font size of the main text should be 11pt. The document should be uploaded to Learn; only one team member needs to upload this document. The file name should be `cs446-d3_<group-number>_<project-name>.pdf` (use - instead of space in project name).

## **Assessment**

This deliverable accounts for 10% of your final grade (5% for the demo and 5% for the document).