

**Deliverable:** #3 - Prototype demonstration  
**Due:** Mar 2 (part 1); Mar 3 / March 5 (part 2)  
**Title:** SE2: Software Design and Architecture.  
**Course ID:** CS 446, SE 464, ECE 452, CS 646

### Description:

Do a demo.

### Requirements:

1. Status update document (2 pages; see 'Required documentation')
  1. Metadata, including project name, team name, and each team members name and Quest IDs.
  2. Status update / demo description document / architecture overview (described below).
  3. Parts 1-2 must be compiled in a PDF document.
  4. Only one team member needs email this document to [rth.se2@gmail.com](mailto:rth.se2@gmail.com) by **0800 on Mar 2**. Please CC all of your team mates on the email so everyone knows that it was submitted (and so I can send feedback to everyone by reply-all).  
File naming scheme: cs446-d3\_<project-name>.pdf  
\* (use - instead of space in file names)
2. Perform demo in class (see 'Demo').

### Required documentation:

Before the demo a status report / demo summary must be submitted. The maximum length of this document is one page. The demo summary should describe the functionality that will be demonstrated highlighting which aspects of the demo are real and which parts are simulated. The status report should describe your current progress on your system, what difficulties you are facing, and a short overview of the next month of development.

The second page should include a component diagram that details the components, connectors, and topology of your system. 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.

### Demo:

The demos will be strictly limited to six minutes with one additional minute for questions and one minute to get setup at the front. You must demonstrate your app from from a mobile phone; tablets, laptops, and simulators are not acceptable. The demos will take place under a document camera so you can demonstrate multiple phones working concurrently if this is applicable for your app.

Delivery is important: please practice your demo before you come and if you are worried about hooking up your laptop / mobile device to the projector show up early and try it out in advance. Treat this demo as you would treat a demonstration to your product team on a co-op job.

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, for this demo your authentication page can just accept a username / password that always lets the user in without actually checking against some backend system.

I will schedule the presentations in the reverse order I receive the prototype demo documents; the order will be posted to the web site by noon on Monday Mar 2 so you can see what day you will be presenting.

### Assessment:

This assignment is worth 5% of your final mark. **Not submitting your document by 0800 on Monday or not being ready to present in your time slot will result in a 0% for this deliverable.** The class will vote on the "most complete" demo at the end of the class. This group will receive a 2% bonus on their overall assignment mark at the end of the course.