

Deliverable: #1 - Project Proposal
Title: SE2: Software Design and Architecture.
Course ID: CS 446, SE 464, ECE 452, CS 646

WWW: <http://www.cs.uwaterloo.ca/~rtholmes/teaching/2011fall/cs446/index.html>
Twitter: <https://twitter.com/#!/cs446>

Lectures: Tuesday & Thursday 1600 - 1720 MC 1056
Tutorials: Friday 1430 - 1520 MC 4060

Instructor: Dr. Reid Holmes; DC 3351. Office hours by appointment. rth.se2@gmail.com
TAs: Kevin Shelley; DC 3334. Office hours by appointment. karshell@cs.uwaterloo.ca
Wei Wang; DC 3334. Office hours by appointment. w65wang2cs.uwaterloo.ca

Description:

The project proposal is a description of what you intend to accomplish over the rest of the term for this project. It should describe your system and what you intend it to do. Emphasis on projects that are interesting / useful is preferred; use this project to build something that excites your team! Describe the mobile form factors you are targeting (e.g., phones, tablets). The instructor or TAs will provide feedback for each project after the proposal to ensure your team is on the right track. The scope of the project should assume at least 5h / week development time (e.g., 4 team members * 5h / week * 13 weeks = 260 hours total).

Document Requirements:

1. Metadata: Project title, team member names, team member Quest IDs.
2. What is your project? Why is it interesting? Describe and justify your project selection. What platforms / devices are you targeting? Why these? (1 page; 2 pages if any low fidelity prototypes are included).
3. Provide at least two user scenarios to describe how a user would interact with your system and what the benefit to them would be. (At most 2 paragraphs per scenario).
4. A description of the functional and non-functional requirements of your system (1 page at most, list form OK).
5. Only one team member needs email this document to me. PDF only.
File naming scheme: `cs446-d0_<project-name>.pdf` (use - instead of space in file names)

Presentation:

Each team will 'pitch' their project to the class with a presentation lasting at most 5 minutes in class. The presentation should describe the main functionality of the system and clearly state why the project is useful / interesting. You may use slides or the blackboard for supporting materials. If you want to use slides, please send them to rth.se2@gmail.com in PDF, PPT, or Keynote format by 0800 on Sept 20. A maximum of three content slides + one title slide can be submitted; please, no animation or transitions.

Assessment:

This deliverable is pass/fail. While any submission that satisfies all of the requirements will pass, this assignment will strongly influence the remainder of your project (60% of your final grade). The class will submit votes for the 'pitch' presentations that are a) the most interesting; and b) the most useful. The winners of each of these categories will receive a 2% bonus on their final project grade; one team cannot win both categories.