

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/2013winter/cs446/index.html>

Twitter: <https://twitter.com/cs446>

Lectures: Monday, Wednesday, & Friday: 0830 - 0920, MC 4041

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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! A scaling factor will be applied to the final project grade to account for its difficulty; we will provide feedback on this aspect of your proposal so you can have an approximate idea of what this factor will be should you may receive if your team completes the proposed work in a completed app. 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). This should be enough time to complete an interesting project.

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. Why does this project make sense in a mobile form factor? (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 (2 pages at most, list form preferred). We will compare your final demo against this list (and will use the list to assess project difficulty)
5. Only one team member needs email this document to rth.se2@gmail.com by **0800 on January 21**. PDF only.
File naming scheme: `cs446-d1_<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 4 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 format (PDF ONLY!) by **0800 on January 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).