

Assignment: Project Proposal

Due October 4, 2007

CS 160, Fall 2007

Overview

The project proposal describes the project topic, the design approach you are taking, and the major features you need to implement to make the application work. We would also like to see a timeline for the project from now to the end of the semester to see the milestones you are setting for your team to complete the project and fulfill the class assignments.

Report Guideline

Submit a roughly 3-5 page report as described below. Feel free to use this as an outline for the report, or organize your report to contain the following information.

- Include group name, list of members, and email addresses on the report
- Project Need Statement—what need are you addressing? This can be just a paragraph, and can be a summary of what you've stated earlier, but can also be updated to reflect your evolving thinking
- Design Approach—overview of how you are planning to address the problem. It should explain how it will involve other people and leverage the facebook platform to address the need.
- List of Features—complete list of features that you are planning to implement. This list should be complete enough to provide a satisfying application experience, but also realistic to accomplish within the semester time frame. For this project, it really should be about 3-5 features (if you plan for more, you'll have to convince us that you can implement all of them). For each feature, list:
 - A description of what the feature is in terms of what user task it accomplishes
 - The role of the user accomplishing the task. Many of your applications have roles of people who “submit” information and those who “view” it. Social applications typically involve several different roles, so make it clear who is involved in accomplishing the task
 - How frequently you expect this feature to be used. In general, frequently used features should be optimized to be simple and easy to accomplish, whereas infrequently used features may require more work.
- Timeline—starting with the class assignments and dates (as updated on the web page, <http://inst.eecs.berkeley.edu/~cs160/>), map out *your group's* milestones and goals for accomplishing the project and fulfilling all the assignments. For your list of features, do they need to be implemented in a certain order, or will they be developed in parallel? We want to make sure that you are personalizing the schedule for the rest of the term to plan how you will get everything done in a timely manner.

Grading Criteria

- We're mainly looking to make sure that you've mapped out all the features needed to make your application successful. So, it needs to be a complete list of features that enable

the user to accomplish their tasks, and has to be accurately described to be able to design and implement them. We're looking for a description of the features in this assignment—the next assignment will ask the user's tasks to be storyboarded.

- Make sure the timeline shows appropriate planning for completing the project.