**Plans for the Capstone Project**

**Overview**

Capstone will run 5 weeks with 2 Peer Assessment activities. The Capstone will start the week of Oct. 5th. The first Peer Assessment will occur starting on the week of Oct. 19th, with the goal of ensuring each student has an acceptable project idea. The second Peer Assessment will start the week of Nov. 16th, with the goal of ensuring that each student has a working project, as demonstrated via several means outlined below.

The format for the Capstone project(s) will involve publishing project specifications, which will be defined by the Capstone staff and/or participating companies. Each student will pick one Capstone project specification that they will work on. Each Capstone project specification will have a sub-forum in the online discussion forums.

**Peer Assessment #1**

Each student will identify the Capstone project specification they are going to work on. The student will submit a deliverable containing design documentation that explains how they will implement their target specification. The course staff will provide a rubric indicating specific project requirements. The students will submit text and/or graphics (e.g., via a web forum) showing how their project implementation meets each requirement. The majority of Peer Assessors (e.g., 5 Assessors per project) should agree that the submission meets each requirement. This assessment is advisory, i.e., students whose project doesn't meet each requirement will be expected to address the shortfall on their own and will be informed that they are proceeding at their own risk.

**Peer Assessment #2.**

Each student will submit a final project deliverable containing the following

* Design documentation explaining in detail how they implemented their target specification, which is essentially a refinement of their deliverable for Peer Assessment #1 described above.
* A screencast movie of the working project.
* Some kind of test of the web backend\*\*\* (still needs to be fleshed out)
* The project source code
* A completed webpage template “advertising” the project

The majority of Assessors must agree that the submission meets each requirement. Students whose project doesn't meet each requirement will not pass the course.

**Expectations for Students**

We need to make it clear in the Capstone course enrollment form that all students *must* have access to

* + a webcam, microphone, and screencast software (e.g., see <http://mashable.com/2008/02/21/screencasting-video-tutorials>).
  + A website to upload the results (e.g., YouTube or some Coursera-managed site)

**Outreach and Publicity**

We want to put each student project in a Hall of Fame web site. We envision creating a web page template fashioned on the Google Play Store displaying key project information and an embedded video of the project. Students (and possibly the general public) should be able to vote for their favorite projects. We will use this information as input when determining prize awards, possibly in conjunction with participating companies.