CS 495: Capstone Senior Project  
Fall 2016

Project Information

**Objective:** The primary objective of this project is to provide you with an opportunity to design and implement a solution to a problem *utilizing knowledge obtained across the spectrum of Computer Science courses*, while also providing an opportunity to work collaboratively in a team. The course also has expectations related to writing, understanding of ethical responsibilities, and recognition of your future need for continued professional development. Although the scope of the project is restricted due to the length of the semester, it will provide you with valuable experience in terms of formulating a problem, analyzing a problem and developing a solution to that problem in a team environment.

**Grading Scheme:** As noted in the syllabus, the team project grade shall be based on four deliverables and three class presentations, representing 65% of the final grade. The remaining 35% of your grade will be determined individually from writing assignments and a final exam.

The following page contains a brief outline of the deliverables and presentations milestones for the team project.

<table>
<thead>
<tr>
<th>Deliverable &amp; Presentation 1</th>
<th>Feasibility Study and Project Plan Presentation. <em>(Emailed to instructor 30 mins before class)</em>; not for grade</th>
<th>Due 8/30</th>
</tr>
</thead>
</table>
| Deliverable & Presentation | P1: Software Requirements Document (SRD); UML diagrams  
PRS-1: Slide Presentation. *(Emailed to instructor 30 mins before class)* | Due 9/22 |
| Website Draft | PWEB: Draft version of project website *(URL emailed to instructor before midnight)* | Due 9/29 |
| Deliverable & Presentation | P2: Design Document (DD); detailed UML diagrams  
PRS-2: Slide Presentation. *(Emailed to instructor 30 mins before class)* | Due 10/20 |
| Deliverable | P3: Project progress demo; each team meets individually with instructor for project progress discussion *(Individual times scheduled for each team)* | Due 11/1 and 11/3 |
| Final Deliverable | P4: Full implementation; all source code and project files; generated .apk file  
*(Emailed to instructor 30 mins before class)*  
VIDEO: A 2-minute video demonstration that will be placed on your web site. *(Emailed to instructor 30 mins before class)*  
PWEB: Website updated to include all deliverables, presentations, video, and source code. | Due 12/1 |
| Final Presentation | PRS-III: A full demonstration of the implementation; include PowerPoint slide and either live demo or video presentation *(Emailed to instructor 30 mins before class)* | Due 12/1 |

**Note:** All students in a project team shall receive the same grade.