



***CSE 360***  
***Introduction to Software Engineering***

***Course Project Guidelines***

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# Overview

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- Organized in groups, with about ten students per group.
- Project is divided into two phases.
- Each group needs to elect a team leader, who may be for the entire project period, or for one of the two phases.
- The team leader will be responsible for
  - coordinating the development activities of the project.
  - submitting project status report to the instructor and TA through the blackboard on each individual student's assignments as well as the group's overall progress.
- The report must be submitted on the following dates:
  - Sep. 8, 17, 24, Oct.1, 8, 22, 29, Nov. 5, 12
- The team leader will receive extra credit and take a reduced share of the development tasks.

# ***Deliverables of Phase I***

<b>Milestones</b>	<b>Due Date</b>	<b>Deliverables</b>
<b>Team organization, Requirements Gathering</b>	<b>Sept 8, 2015</b>	<ul style="list-style-type: none"><li>• <b>Cover Page (2 points)</b></li><li>• <b>Use case diagram (25 points)</b></li><li>• <b>SRS (40 points) – Here we mostly focus on user stories based on use cases for the functional features.</b></li></ul>
<b>Planning , analysis, design, about the project.</b>	<b>Sept 17, 2015</b>	<ul style="list-style-type: none"><li>• <b>Class Diagram and class descriptions (40 points)</b></li><li>• <b>Detailed Project Schedule (20 points)</b></li><li>• <b>Prototype (10 points)</b></li></ul>
<b>Versioning, Test Plan, document the initial user guide for the project.</b>	<b>Sept 24, 2015</b>	<ul style="list-style-type: none"><li>• <b>Version Control System setup (20 points)</b></li><li>• <b>Test Case Generation Based on User Stories and the Test Plan (20 points)</b></li><li>• <b>User's Guide (30 points) – initial user-guide envisioned by the development team.</b></li><li>• <b>Extra Credit Sheet (5 points)</b></li></ul>
<b>End of Phase I</b>	<b>Oct 01, 2015</b>	<ul style="list-style-type: none"><li>• <b>Peer Evaluation (turned in separately) (5 points)</b></li><li>• <b>Team Leader Role Evaluation (6 points)</b></li></ul>

# Deliverables of Phase II

Milestones	Due Date	Deliverables
Implementation Part 1	Oct 8, 2015	<ul style="list-style-type: none"> <li>• Implementation of “Registration Information” feature</li> <li>• Implementation of “Schedule Appointments” feature</li> <li>• Implementation of “<b>Update</b> Healthcare Conditions” feature</li> <li>• Implementation of “Service to Doctors” feature</li> <li>• Unit testing</li> </ul>
Implementation Part 2	Oct 22, 2015	<ul style="list-style-type: none"> <li>• Implementation of “Service to Staff” feature</li> <li>• Implementation of “<b>Lab</b> Records” feature</li> <li>• Implementation of “Generation of Statistical Reports” feature</li> <li>• Unit testing</li> </ul>
Implementation Part 3	Oct 29, 2015	<ul style="list-style-type: none"> <li>• Integration of features</li> <li>• Integration testing and System testing</li> </ul>
Implementation Part 4	Nov 5, 2015	<ul style="list-style-type: none"> <li>• Complete Implementation (100 points)</li> <li>• Version Control System Usage (20 points)</li> <li>• Unit (White Box) &amp; Functional (Black Box) Testing Report (40 points)</li> </ul>
Final project report	Nov 17, 2015	<ul style="list-style-type: none"> <li>• Revised User’s Guide (10 points)</li> <li>• Final Project Report (50 points) – this is not same as User Guide</li> <li>• Extra Credit Sheet (5 points)</li> <li>• Peer Evaluation (turned in separately) (5 points)</li> <li>• Team Leader Role Evaluation(7 points)</li> </ul>
Presentation and Demonstration	Starting from Nov 19, 2015	<ul style="list-style-type: none"> <li>• Presentation (30 points)</li> <li>• Demo (50)</li> </ul>



## ***Guidelines for Project Evaluations***

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- The project final grade is 40% of the final grade of the course.
- Instructor and TA will evaluate and meet the groups periodically.
- Each group must submit required project reports (including all the status report) and documents on time. Late submission may not be considered for grading, or considered but with severe penalty.
- Instructor will use the confidential peer evaluation and other relevant information to differentiate the grades of individual members in a group.