Requirements Document and Presentation

- The presentation is worth 3% of your grade. The requirements document is worth 10% of your grade.
- The schedule of deliverables and presentations is below:

<table>
<thead>
<tr>
<th>Deliverable &amp; Presentation</th>
<th>P1: Software Requirements Document (SRD); UML diagrams</th>
<th>Due 9/22</th>
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<tbody>
<tr>
<td></td>
<td>PRS-1: Slide Presentation.</td>
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<td>(Emailed to instructor 30 mins before class)</td>
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- **Contents of Requirements Document**
  1. A change history should be near the front of the document to indicate the various edits and changes to the document over the duration of the writing period.
  2. A table of contents should be provided that lists the page numbers for each section and subsection.
  3. The following specific sections need to be included in your document in some form:
     - Introduction section that covers the motivation/purpose, scope, and goals of the project. This section should also provide a list of key definitions that apply to your project.
     - A Project Description section should cover the list of different types of features that are needed for this system. The types of feature categories will vary based on the domain and goals of each project.
     - A summary of the Functional and Non-Functional requirements should be documented in the report.
     - Your report should contain a section of diagrams at the analysis level that are described in detail with English text. The diagrams that you must provide include a set of Use Case Diagrams, a single high-level Class Diagram, and a set of Activity Diagrams. In these diagrams, you should endeavor to give a full and complete description of the app you will develop. You should have seen these diagram types in a previous class, but a good summary can be found at: [http://www.agilemodeling.com/essays/umlDiagrams.htm](http://www.agilemodeling.com/essays/umlDiagrams.htm)
  4. Sample requirements documents from past semesters will be emailed to you.

*There is a significant amount of writing needed for this document, so please do not wait until the last moment!*
• **Contents of slide presentation (15 minutes)**

1. Each team’s presentation will be 15 minutes.
2. Cover slide – Name of project, names of team members (1 slide).
3. Problem definition and scope of system (2 slides; images are nice).
4. Presentation and full discussion of the Use Case diagrams that are in the requirements document (slides vary, but you should cover all diagrams).
5. Presentation and full discussion of the high-level Class diagrams that are in the requirements document (slides vary, but you should cover all diagrams).
6. Presentation and full discussion of the Activity diagrams that are in the requirements document (slides vary, but you should cover all diagrams).
7. The priority of the various features to be implemented should be categorized as: required, possible, future work if time available (1 slide)
8. Discussion of potential risks to the project (1 slide)
9. Summary discussion of the project from the team members’ perspective.
10. Sample presentations from past semesters will be emailed to you.

*Please rehearse your presentation before you present in class! Each team member must have a visible role in the presentation and evidence of responsibility in the requirements document.*