☰

Requirements + Design Report

<div>Submit Assignment</div>

Due Feb 19 by 11:59pm	**Points** 3	**Submitting** a file upload

Prerequisites for this report:

- Your team selected a project.
- You met with your client and reached an agreement on what to do, that was reflected in the description of the project.
- The client notified the instructor that the description was approved.
- The instructor worked with you to enhance the description, and then approved that.
- You have carefully studied the requirements for the final project report (see **Syllabus**, especially Project Particulars)

Requirements instructions:

- A key part of the final project report is a description of project requirements.
- The expected length of the discussion of requirements is about 6 pages, single spaced.
- Requirements should correspond with the project description / contract, but be much more detailed. The Requirements section should give more about who will be served (both as end users and as people maintaining or extending your work), what scenarios will be supported for them, what content / information / data is involved and will be processed, etc. If there is an interface aspect, it is good to draft the storyboard, wire-frame diagrams, etc. or at least list each of them that will be filled in further. If there is an existing website or interface, it helps to give screen dumps and make comments on planned changes.
- You can search online for guidelines and examples of such requirements documents, e.g.,
    - **http://home.adelphi.edu/~siegfried/cs480/ReqsDoc.pdf (http://home.adelphi.edu/~siegfried/cs480/ReqsDoc.pdf)**
    - **http://wwwis.win.tue.nl/2R690/projects/spingrid/srd.pdf (http://wwwis.win.tue.nl/2R690/projects/spingrid/srd.pdf)**

Design instructions:

- A key part of the final project report will be about the design. This submission will include a first draft of that information, which will be part of the final report.
- Be sure to focus on approach, e.g., components/tools used, system architecture, data flow, and schema/data structures.
- The expected length of the design section of the report is about 4-5 pages, single spaced.

Report aspects:

- Be sure to have the Table of Contents reflect all of the report, including both Requirements and Design.
- If there is a person in your team with experience in software engineering, through a course or through professional practice, be sure they are involved in this.
- If there is a person in your team who is a good writer, be sure they are involved, at least in finalizing and editing this report.
- Be sure to make an outline first, and to make a list of the tables and figures that should be included. Have at least the skeleton of all this, even if you just have a stub for a table or figure.
- You may want to search online for guidelines and examples of design documents, e.g.,
    - **http://www.cs.iit.edu/~oaldawud/CS487/project/software_design_specification.htm (http://www.cs.iit.edu/~oaldawud/CS487/project/software_design_specification.htm)**
    - **https://cwiki.apache.org/confluence/display/CLOUDSTACK/Design+Document+Template (https://cwiki.apache.org/confluence/display/CLOUDSTACK/Design+Document+Template)**

- **http://www.joelonsoftware.com/articles/WhatTimeIsIt.html**
  (http://www.joelonsoftware.com/articles/WhatTimeIsIt.html)
  Be sure to cite each such source you find useful. List all References at the end.

Submission:

- The project group should make one submission.
- This will include both a PDF and a Word version of the report. LaTeX can be used instead of Word, since both are editable.

Rubric for Interim Reports				
Criteria	**Ratings**			**Pts**
Following final report instructions	Very good following instructions 0.5 pts	Moderate following of instructions 0.25 pts	Not following instructions 0 pts	0.5 pts
Covering progress-to-date	Very good coverage of progress 0.5 pts	Moderate coverage of progress 0.25 pts	Insufficient coverage of progress 0 pts	0.5 pts
Describing planned work	Very good plan 0.5 pts	Moderate plan 0.25 pts	Insufficient plan 0 pts	0.5 pts
Amount of work	Impressive amount of work 0.5 pts	Moderate amount of work 0.25 pts	Insufficient amount of work 0 pts	0.5 pts
Quality of work	High quality work 0.5 pts	Moderate quality of work 0.25 pts	Poor work quality 0 pts	0.5 pts
Quality of report: organization, writing, clarity	Very good report 0.5 pts	Moderate quality report 0.25 pts	Poor quality report 0 pts	0.5 pts
				Total Points: 3