Team Project Assignment I

Write a Software Requirements Specification

CS 3398, Spring 2013
Instructor: Jill Seaman

Due: Friday, 4/26/2013 at 5:00pm

Assignment: You will be assigned to a team of 4 or 5 people. Your team will write a Software Requirements Specification, given a preliminary version of a set of user level functional requirements.

NOTE: I will form the teams based on your responses to a questionnaire you will receive by email. You must respond by **5pm Fri, 3/22/13**. Those who do not respond will be placed on the same team(s).

Guidelines: Use the IEEE 830-1998 Recommended Practice for Software Requirements Specifications as your guide. This document can be found on the TRACS website for this class under "Resources". I recommend reading the entire document before starting your project.

Format: Your SRS document should contain the following:
· Title page
· Table of contents and page numbers
· The three sections described in the IEEE standard.
    - Section 2.1 should contain a simple context diagram for your system.
    - Section 3.4 should have a class diagram describing the logical structure of the data and the types/specifications of the attributes.

Criteria:
· See the Project Evaluation Guidelines on the website!
· Generally, requirements must be correct, unambiguous, verifiable, complete, consistent, and provide enough detail for design and implementation.
· SRS must follow IEEE standard and formatting rules above.
· The contribution of each team member will be evaluated by the other people on the team at the end of the project.

Reminders:
· Requirements answer the questions "What would the system do?"
· Requirements are not algorithms.
· No gold plating! Don't add features not approved by the customer.
· If you need clarification about the requirements, ask the customer: me!

Suggestions:

- Splitting up the work:
  - ‣ Section 3.2 is the largest, most important section. Don't assign it all to one person.
  - ‣ You could divide up the 10 functions in the original requirements document among your team members. But that won't cover the entire document.

- I recommend that you use Google Drive (drive.google.com and support.google.com/drive) to coordinate your team's collaboration.

- It could be useful to select a team leader.

- Another good source of guidelines for writing requirements is here: http://www.processimpact.com/articles/qualreqs.html