

Team Project Assignment I

Write a Software Requirements Specification

CS 3398, Spring 2014
Instructor: Jill Seaman

Due: Monday, 4/7/2014 at 10:00am (email the SRS document in PDF format)

Assignment: You will be assigned to a team of 5 people. Your team will write a Software Requirements Specification, based on a **preliminary** version of a set of user level functional requirements (see the "[Postage Printing Website 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, 2/21/14**. Teams will be formed by Mon, 2/24/14.

Guidelines: Use the IEEE STD 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 (especially the sections outlined in orange).

Format: Your SRS document should contain the following:

- Title page (including team member names)
- Table of contents and page numbers
- The three sections described in the IEEE standard. Additionally:
 - 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 specifications of the attributes.
- The copy that you submit to me must be in PDF format.

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:
 - ▶ For the presentation, I will REQUIRE that **everyone on your team be responsible for at least one of the original 10 requirements** from the “Postage Printing Website Requirements”.
 - ▶ I recommend dividing up the functions/features in the original requirements document among your team members. But that won’t cover the entire document, so divide these other sections up as you see fit.
 - ▶ Just to be totally clear: section 3.2 is the largest, most important section. Don’t assign it all to one person.
- 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.
- How to be a good team member:
[Ten Qualities of an Effective Team Player](#)