

Assignment #1 – Part B

Documenting the Requirements

Background

In this part of the Assignment, you will take

- the information from the original set of customer requirements (the letter)
- the information that you gained by your interview with Fred himself

and document this set of requirements in an SRS.

As discussed in class, the SRS that you produce must adhere to the IEEE 830-1998 Standard. If any information from the original letter seems to be in conflict with information you received from Fred during the interview then please see Sean about this conflict. (Note that you will need your interview notes when discussing).

This part of the assignment is worth 80 marks in total.

- 70 marks for the document itself
- 10 marks based upon a brief interview between Sean and your group
 - This interview will be announced and will happen sometime in early October
 - It is expected that you show Sean your progress on this assignment during the interview

The Task at Hand

Before beginning your SRS, you and your team **must** first source out / **locate one example** of an **SRS** on the internet **written** in accordance with the **IEEE 830-1998 Specification**. This example SRS is intended on being used as a reference to help you construct your Clock-Radio SRS. It must be an actual SRS and not just a template.

- You must not choose an SRS that another team is using.
 - When you find a good example, e-mail the URL (i.e. Internet address) of the SRS (or the actual SRS document) that you have found to Sean at his regular e-mail address (i.e. sfclarke@conestogac.on.ca).
 - If two teams use URLs that lead to the same SRS document, the first one to e-mail gets rights to it (the second team may have to find another).
- Of course, you can use the SRS documents that any team finds as a example if you wish - you just can't use it as one of your *Reference SRS*
- NOTE: You cannot use any SRSs discussed or given in class as one of your deliverables. You can, however, use it as an unofficial starting point

Once your example SRS has been approved by Sean, then you and your team may begin working on writing your own SRS.

- Your Question and Answer document (from Part 1 of this Assignment) will be included as one of the SRS's appendices
- Your Reference SRS will be included as another appendix (only necessary in the hard-copy hand in)

The Deliverables

There are two deliverables for this part of the assignment:

1. A **soft-copy** of the SRS (your document file) is due
 - **October 16, 2014 by 11:59pm in the eConestoga Drop-Box**
 - Please note that only one member of a team needs to submit a copy of the finished SRS
2. A **printed version** (hard copy) of your SRS ensuring and including :
 - Your team's Q&A from the Fred Interview in one document appendix
 - A printout of the sample SRS that you found on the Internet and that you used as a reference for your document in another appendix
 - **Print it at four document pages per printed page** (how you do this depends on the printer and type of file).
 - Do not print more than 30 document pages.
 - Make sure that the document is referenced in the reference section of your SRS.
 - The printed version is to be handed in on
 - **Friday October 17, 2014 (in class)**
 - You can get your team's final SRS print out bound at the CSI office ...

It is expected that your SRS is the product of a great deal of thought and research and that it be complete at least to the standards of the first part of the assignment.

Possible Team Structure

It is a good idea to designate a team member to be in charge of making sure that each of the following tasks gets done properly (that is, one team member for each task):

- selecting the sample SRS document from the Internet
- ensuring that the sample SRS document is used to help with the creation of your team's SRS document
- ensuring that sections 1 and 2 of the document are complete enough
- writing the specific requirements
- ensuring that the requirements are complete in relation to the information from Part 1
- ensuring that the requirements meet the criteria discussed in class last week (e.g. unambiguous, clear, etc.)
- ensuring that the document is professionally presented and reads as if written in a single voice
- ensuring that the document does not have errors in spelling or grammar
- ensuring that the document is complete with respect to this assignment's requirements
- ensuring that the Specification your group produces adheres to the *checklist* found on pages 42-43 of Code Complete

In some cases, the person in charge of the task will also be the person who does the task. In other cases, the person in charge will have others do the task along with or instead of themselves. The actual writing of the requirements should be done by most or all of the team members. NOTE: It is a good idea to take the team members' strengths and weaknesses into account when distributing work.

As stated, the SRS document itself is worth 70 marks, the Q&A are worth 20 marks and the remaining 10 marks will come from a discussion between Sean and the team during some work period. It is expected that you will be able to explain what each member of the team is doing and what they have contributed so far. It is also expected that the written product of your work done at the time of the discussion will be available and able to be shown to Sean. The mark given for the discussion will be based on provable progress made so far, cohesiveness of the team, and communication.