OMSE 525

Assignment C: Prepare an SQA and Test Plan

This assignment is worth 20% of the final grade.

This is an individually prepared assignment. You are to create a preliminary software quality assurance and test plan that covers software quality engineering and assurance activities including configuration management, process and product reviews, inspections and walkthroughs, and testing.

This assignment is a process-improvement opportunity for you as you are free to re-use what you submitted in Assignment A with any improvements or changes you feel are warranted including, of course, responses to instructor feedback. For example, you would be advised to review my feedback to you on Assignment A and make improvements in the testing section that I may have recommended. Even those of you who received full or close-to-full marks on Assignment A could improve some aspects of the testing activities.

As before, this plan is to support the "Cascadia Project".

Your primary inputs for this effort are attached to this assignment, namely:

- Cascadia Project Terms of Reference and
- SQA and Test Plan Template (covers several additional topics).

As before, I am asking for a preliminary plan. Please avoid excessive detail. But provide enough clearly stated and professionally laid out material, with useful diagrams and well-organized and properly labeled tables. Don't forget to include an organization chart with key roles that tie to the assurance activities, including reviews/inspections and testing activities in particular (audits, CM and other such activities could show up if you call them up in your plan). A simple Gantt chart is a good idea, but a clean table listing key activities and dates is just as useful.

As before, your plan should be professional looking. Please use 1" margins, 11 pt. font (preferably Ariel), and single line spacing. Try to use no more that 2 pages for the title page + change history block + table of contents and limit the body of your plan to about 20 pages.

Important Submission Requirements

The following requirements must be complied with:

1. Assignment naming Convention: OMSE525-AssignmentC-[yourname].xxx
   where file name has no spaces and xxx = doc or pdf
2. The top of submission must include the proper title of the doc plus your name(s) and date
3. Page numbered and spell checked
4. Table of contents
5. Revision (a.k.a. change control block) per template mentioned above.