Project Proposal

Due Date for your Proposal: Given In Lecture

File Format: PDF, Word, or RTF format

Electronic submission to the CUNY Blackboard course website

Your proposal should fill one side of one 8.5" by 11" page typed in either 11 or 12 point Times New Roman font.

You will follow the plan-driven Waterfall model for your project. However, you will be asked to include in your project deliverables a retrospective discussion (see item 6 Post-Mortem of Project Deliverables further below) of whether a plan-driven incremental model or Agile (Scrum) may have been more appropriate and, if so, for what reasons.

Please include the following information in your proposal:

1) A description of the software that will be developed (including software type(s) according to the list of types from Chapter 1 of the textbook) and what the software is intended to do. You will provide a description of no less than 5 high-level features of the software. In addition you must elaborate on the novelty of the software that you intend to deliver. How is it different from similar software products? Is it something entirely new?

2) The programming language(s) to be used for development, the hardware platform(s) and operating system(s), and software development tool(s) that will be used.

Please keep in mind the following list of the **project deliverables** due during the last week of the semester and required number of pages :

1) Requirements Specification (7 pages)

2) Architecture and Design Document (7 pages)

3) Software code (heavily documented) and working executable

4) Validation Test Plan and Results (7 pages)

5) Output of the Executable Software (5 pages)

6) Project Post-Mortem (1-2 pages): what was learned, what worked well, what did not

7) Project Presentation slides (5 minutes): each team member speaks

8) Instructions on how I could compile and run the software myself