SENG 300 – Introduction to Software Engineering   **Project – Iteration 1**

Due Date: Friday, March 06, 11:55 pm

Overview:

You would develop your project in different iterations. In your final submission, you would submit a detailed report about your project, as well as the source code (and a link to your code repository), and a 2 minutes demo video. You may also use all the intermediate deliverables you provided throughout the course after different iteration in your final submission.

You would use the agile method (Scrum) to develop this project. You should be familiar with all the anatomy of the Scrum.

This document specifically describes the requirements needed for iteration 1 of the project.

Requirements:

- *Product backlog:* Create a product backlog that would contain requirements for your software in the form of user stories.
- *Sprint planning meeting:* Conduct a sprint planning meeting. Treat this iteration 1 as a sprint.
- *Sprint Backlog:* Create a sprint backlog that would contain the user stories, you plan to implement in this iteration and the name of the person who is going to implement.
- *Daily scrum meeting:* How often you have conducted daily scrum meetings?
  - It is not mandatory that you conduct these meetings daily. However, I expect that you have at least two meetings in a week.
- *Sprint review meeting:* Conduct a sprint review meeting.
- *Retrospective meeting:* Conduct a retrospective meeting.
- Below are some of the details needed for different meetings:
  - When and where did you conduct the meeting? Who attended? What was the duration of the meeting? Summarize each of the decisions you made? The main points of your retrospective meetings and how you plan to implement in next iteration?

Submission:

You would submit the following in D2L:

Report: A detailed report including the above mentioned requirements.

Code: Code you have written to implement this iteration functionality. You are allowed to use any extra libraries (or packages). You would still submit the code; however team would give a demo where TA would evaluate the functionality. You can give demo on your own machines during the tutorial unless otherwise stated. Your TA would upload the schedule in the D2L.

Grading Criteria:

The grade would be assign as follows:

- Clearly written user stories (8 marks)
  - Whoever reads your user stories about the project should understand the project.
- Sprint planning meeting (1 marks)
- Daily scrum meeting   (3 marks)
- Sprint review meeting   (1 marks)
- Retrospective meeting   (1 marks)
- Code: Functionalities implemented, if any (2 marks)
  - Quality of the code
- Overall quality of the report (2 marks)
- Peer evaluation 1 (2 marks)
  - We will have peer evaluation at the end of Iteration 1.

Your marks will be deducted if you are not participating in the project, absent from the team meetings etc. Your marks will be adjusted based on the peer evaluation if required.

Late submission:

The deadline is firm. No late submission will be accepted:

References:

Feel free to use any online material or any other reference about Scrum or agile methods. Do cite all the references