

# SE 481 Software Project Planning and Management

## Assignment 2

Due on Wednesday, October 6, 11:59PM.

1. Compare (1) prototyping and incremental development; (2) waterfall and incremental development; (3) incremental development and agile. For each of these comparisons, highlight the approaches' difference(s) and shared feature(s) (20 points)

2. When would you recommend **against** the use of an agile method for developing a software system? (20 Points)

3. Use JIRA and create a project for the MYCSUSM system that we worked on in class. Finish the following tasks. (40 Points)

1) Create five epics and twenty user stories. Assign each user story to an appropriate epic. Each of the user stories must be defined in the following format.

As a <user role> I can/want to/would like to <...> so that <benefit>.

2) Specify the story points of each user story. Your estimations must be based on the following assumption and be reasonable.

The smallest user story should be 2-3 hours or 1 point.

The biggest user story should be 3 days or 13 points.

3) Create five sprints, and assign the user stories that you created above to the five sprints respectively. Start your first sprint.

4) Submit a screenshot of Backlog and a screenshot of Board.

4. Lab Work (20 Points)