

CE/CS/SE 3354.004, Software Engineering, Fall 2017

Project Assignment #2

Deadline:

Monday, October 2nd, 2017, 11:59pm.

Goals:

1. Object-oriented design
2. Class diagram
3. Sequence diagram

Part 1. Class Diagram (60 points)

1.1. Find the conceptual classes from the system requirements.

1.2. Draw class diagrams of the system that shows the relationship among the classes and the internals (i.e., attributes and operations) of each class. The file containing the class diagram should be named class_diagram.*.

Part 2. Sequence Diagram (40 points)

2.1. Draw sequence diagrams of four scenarios. **Each team member is expected to make the initial commit of one sequence diagram.** The sequence diagram files should be named sequence_diagram_#(1-4)*.

Notes:

1. Only commits performed before the deadline will be considered. Do not forget to push your changes after you have done the work!

Grading Criteria:

1. Class identification must be complete and reasonable.
2. Names, attributes and operations of classes must be clearly defined and class relationship must be accurately presented.
3. Objects in the sequence diagram should be defined in the class diagram.
4. Legends used in the diagrams must be correct.
5. All team members must contribute to the completion of this assignment. Commit history will be used for assessment.