Milestone Four: Group Project-Analysis Part Two (20+3/150)

Due date: 11/17/2017 11:59pm

For this group assignment, you will continue to perform the analysis workflow. Please create and add into your analysis documentation the following artifacts:

1. **Robustness Diagram** (or class diagram in stereotypes). For **all core use cases**, draw robustness diagrams including all classes involved in realizing them, including boundary classes, control classes, and entity classes. If your project is not on a large scale, try to integrate all individual robustness diagrams into a comprehensive one. Otherwise integrate them into multiple subsystems. (10 points)
2. **Collaboration Diagram**. Choose **at least three** core use cases, and convert their robustness diagrams to corresponding collaboration diagrams. Identify all messages passed and number them in order. (5 points)
3. **Sequence Diagram**. Convert all the collaboration diagrams you created in step three to corresponding sequence diagrams. (5 points)
4. **Teamwork Dynamic.** Please provide a paragraph describing the problems identified in your group in the past and the measures to be taken to improve teamwork in the future. (3 points for bonus)
5. Keep refining all previous artifacts if needed according to what you did for this milestone.

Notes:

1. **At this moment, your group should have already started the implementation of your system.** In your final submission, I am expecting a runnable prototype. Please refer to your robustness diagrams for UI design, and your class diagram for model design.
2. Every team member should actively participate in group work. Make sure workload is **divided fairly** among team members. **Please use a paragraph to describe how workload is distributed in your submission**. Up to -5 points if not all members are involved or the required paragraph is missing.
3. Compile all artifacts into a single PDF or WORD file and **a group only needs to submit one copy to D2L.**
4. Draw UML diagrams with **draw.io**. Import a diagram as a picture and insert into your doc.
5. Late submission will incur penalty in the grade. 20% off if late for one day, 40% off for two days, etc.
6. Please keep an up-to-date log of the time spent working on the project. If you use CSSE Hub, please use the automatic punch in and punch out when possible. Select the activities and provide specific comments about what you worked on during that period. Up to -5 points if this is not done or you do not log all your time or you do not provide specific comments as to what you were working on. You are free to use other tools.