Milestone Three: Group Project-Analysis Part One (20/150)

Due date: 10/27/2017 11:59pm

For this group assignment, you will be performing the analysis workflow in order to 1) get a deeper understanding of the requirements, and 2) create a class diagram to represent the architecture of your design.

Your analysis document should include:

1. Apply noun extraction to identify entity classes. You may also want to extract entity classes by examining scenarios of use cases. Please draw a class diagram, specify relationships among classes and for each class identify core attributes. (9 points)
2. Create CRC cards for all your entity classes and use them to test and refine your class diagram. (4 points)
3. Choose at least two core entity classes. Determine operations performed by or to each class and present the information in the form of a State Chart. (4 points)
4. Complete your use case specifications if you have some parts left unfinished (triggers, preconditions, postconditions) in your last group assignment. If you have made changes to your use case diagram and specifications, please also submit your refined artifacts along with this submission. (2 points)
5. At this moment, you should have already decided the platform and the programming language for your system. Please briefly explain the reason of your choice. (1 point)

Additional Notes:

1. 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.
2. Compile all artifacts into a single PDF or WORD file and **a group only needs to submit one copy to D2L.**
3. Draw use-case diagrams with draw.io. Import a diagram as a picture and insert into your doc.
4. Late submission will incur penalty in the grade. 20% off if late for one day, 40% off for two days, etc.
5. 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.