System Analysis and Design

Assignment: Spring 2021

Lecturer: Yan Liu

Part II: Analysis Model

Due: Monday, May 17ᵗʰ, 2021, 23:59
Submit To: Canvas
Weight in course grade: 30%

For Part II of the project you should provide an **ANALYSIS** model together with an system analysis document with the following structure

0   Table of contents

1   **Introduction**: a general description of (around 500) words that briefly re-states the goals of your course project and gives a concise account of progress made since the previous report (use case modelling). Indicate changes in the project, refinements, and current status.

2   **Architectural Analysis**: present the project in terms of high level architecture, sub-systems and detail the architectural decisions taken until the current stage. You should include at least one system-level diagram, for example, the layered architecture of the system. You should also provide textual descriptions for your system-level diagram.

3   **Analysis model (domain model):** Include the following diagrams organized with use case realization where appropriate:
    i)   Class diagram(s), with each key class (key abstraction) having major responsibilities, and important attributes in most cases.
    ii)   Interaction diagram(s).

4   **Updated use case model:** You are not allowed to change your project domain in this stage, however, you can still refine and update the scope of your project. You should explain why, where and what have been changed in your requirements in this submission.

5   **Updated snapshots of the system's user interface**: provide at least five (5) updated snapshots of the user interface, with accompanying descriptions. The format used in reports and statistics should be shown (if applicable), and samples of messages to the user should be provided.

6 **Annotated references:** describe how the project references (for instance, project domain book and two reference articles) relate to your project. The description for a reference should be between 200 and 300 words.

7 **Contributions of team members.**

Each team will present your work in the class prior to submitting the final version of this document *(Friday, May 14th, 3:30PM – 5:05PM).*

Note: You must submit both the document and corresponding UML model (models can be included in the document).

---------------------The End----------------------------