System Analysis and Design

Assignment: Spring 2021

Lecturer: Yan LIU

Part I: Requirements

Due: Friday, April 16th, 2021, 7:00 pm
Submit to: Canvas
Weight in course grade: 30%

For Part I of the project you should provide a Software Requirements Specification (SRS) document and related UML models.

The SRS should include the following sections and subsections:

0   Table of contents

1   **Introduction**: a general description of 400 to 800 words. You may reuse some text from the course project but try as much as possible to refine and enhance it.

2   **Use case modelling**:
   - ☑ Necessary use case diagrams: between 8 and (recommended) 10 key use cases.
   - ☑ Detailed use cases: concise text descriptions (two to four lines each) for all the above use cases as well as detailed specification for at least 5 use cases.
   - ☑ Necessary activity diagrams

3   **Glossary of terms** (at least 10 terms related to the problem's domain).

4   **Supplementary specification**

5   **Initial snapshots of the system's user interface (mock-up)**: at least 4 snapshots with brief descriptions

6   **List of references**: 1 domain-related book and/or 2 reference articles, with a brief description (30 to 60 words each).

7   **Contributions of team members.**

8   *[Optional] If you have adopted any agile requirements gathering and analysis approaches in your project, Please also summarize your current artefacts, such as User Personas, Product Backlog, Theme, Epic, User stories and so on.*

Note: You must submit both the SRS document and corresponding UML model.

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