

System Analysis and Design

Assignment: Spring 2023

Lecturer: Yan LIU

Part I: Requirements

Due: Monday, April 17th, 2023, 23:59

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 your project proposal but try as much as possible to refine and enhance it.
- 2 **Use case modelling:**
 - ☑ Necessary use case diagrams
 - ☑ 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 or BPMN diagrams to illustrate the main business process.
- 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 artifacts, such as User Personas, User Journey Map, Product Backlog, Theme, Epic, User Stories, Enabler Stories and so on.***

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

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