# System Analysis and Design

**Assignment: Spring 2020**

**Lecturer: Buyang Cao**

**Part II: Analysis Model**

**Due: Friday, May 22nd, 2020, 7:00 pm**

**Mail To:** TA’s mail box

**Weight in course grade: 40**%

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

1. **Table of contents**
2. **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.
3. **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.
4. **Analysis model (domain model):** focusing onthe application not the system design and implementation. It includes the following diagrams describing the business of the target organization
   * 1. Class diagram(s), with each key class (key abstraction) having major responsibilities, and important attributes in most cases.
     2. Relationship(s) between classes.
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.**

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

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