Assignment 2: XXX Management System

Deadline: 23:59pm, May 29, 2023

Now, you are requested to design a "XXX" management system for our university. "XXX" here can be replaced with a concrete usage scenario, like Course Management System, Student Management System, Library Management System, etc.

For example, as the project manager for designing a Course Management System, you can decide the entities (i.e., classes) and functionalities (i.e., methods) in such a system. Possible functionalities include *course registration, course search, grade analysis, etc.* You should design at least 6 classes (like *student, teacher, admin, lecture course, etc.*) and leverage the features of OOP.

You are free to select other XXX Management Systems and design at least 6 reasonable classes.

To complete this task, you should provide a document describing your system design and supported functions (less than 4 pages). More importantly, you **MUST** insert a UML class diagram to show the relationships among the classes in your system. You can use the Violet UML Editor, diagrams.net, or other UML tools.

What you need to submit: Submit a document file in PDF and name it with your ID and name, e.g., "123456-Harry-asg2.pdf".

Submission guideline: You should submit the files via email to **Miss Man Li** (*liman@mail.nwpu.edu.cn*) before the deadline.