Team Report

Zihan Liu:

In our project, I played a key role by designing the class and use case diagrams, which provided a clear and organized structure for our system's architecture. I also developed the sequence diagrams for essential functionalities, including 'Sign In as Student,' 'Sign In as Admin,' 'Add Course,' and 'Rate Course,' to help the team visualize the interaction flow between objects and the system. Beyond the design phase, I implemented these features and later participated in debugging and refining the Java files with the team. This collaborative debugging process ensured that the system functions smoothly and meets our project's requirements.

Eddie Wu:

In the project, the work I undertook was to design the sequence diagram of the functionalities 'View Cart', 'Delete Course', 'Validate Course', and 'Remove Course'. After designing these diagrams, I implemented the codes for all those methods related to the Cart in our project. In addition to that, I optimized the code architecture of our project, such as dividing the original 'ManagementSystem' into 'UserManagementSystem' and 'CourseManagementSystem', aiming to enhance the clarity of the structure. I also worked with other team members to design the entity classes and refine the service classes, which helped us to meet our goal in the project.

Cyryl Zhang:

I designed the sequence diagrams for key functionalities, including 'Search Course by Name,' 'Search Course by Professor Name,' 'Update Course,' and 'Create Course.' These diagrams provide the team with a clear understanding of the processes involved. In addition to the design work, I wrote the corresponding Java code for these features, ensuring their seamless integration into the overall system. I also contributed to the development of the `RemoveCourseGUI.java` file, further enhancing the system's functionality.

Github Link: https://github.com/GuoZheXinDeGuang/Course-Selection-System