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CS-499 Computer Science Capstone

Mr. Conlan

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3-2 Milestone Two: Enhancement One: Software Design and Engineering

This artifact is a sequence diagram to show the design of an application. This is a guide for a student information system. The idea here was to create a website and mobile app for students to register for classes. It was created in November of 2020.

I selected this artifact to show how the different parts of a system interact with each other to carry out a function. It showcases my skills in understanding how an application works. Showing how each use case works to create a working application. This helps designers understand the requirements needed to create a successful application. The artifact will be cleaned up for better readability.

I met some of the course objectives for this week. I was able to find some of the original documentation that had the requirements for this application. From that, I can make more modifications to the sequence diagram. I made one additional actor to the diagram this week to show that it is a user. At this time, I don't have any new updates planned.

I learned that you can always improve something even though it looks good as it is. I faced several challenges this week. One of them was remembering what the application was designed for. There may be a need to download additional software to go further into updating future enhancements.