Unit 4 - Reflection:

In Unit 4, I applied UML models to program implementation and delved deeper into UML design by crafting an activity and class diagram utilising UML. I also wrote a Python program to execute the class model and documented my projects in my ePortfolio. These skills will be crucial for the summative assessment, where I must develop code based on the design documents in Week 7. By creating a Python program corresponding to a UML class diagram, I will be well-prepared to tackle the coding aspect of the assessment in Week 11.

This week, I have built my e-Portfolio to consolidate my learning and reflect on my acquired knowledge and skills. Unit 4 has equipped me with valuable experience in applying UML models to program implementation, and developing related Python programs has improved my ability to translate designs into code. The upcoming weeks of the course will be instrumental in further expanding my knowledge and skills in the system.

I also installed the visual paradigm community this week and explored the application. It is interesting and easy to use. The biggest problem is creating relationships with the details of the system's functionality. I will say it will be challenging to master this part of the module. I can envision how the code will work, but relating the model within the classes and passing that idea to a diagram still needs to be completed. But it's something I will learn, and I am sure I will master. Everything requires practice, and to practice well, we require time, and the time for this course is short; that is why I always try to find spare time to review as much as possible to practice what I am missing and need to learn to apply in future activities. This is why I believe that mastering time management is one of the beauties of this study.