Introduction –

What are we going to cover in the presentation –

* Explanation of the coursework (My approach, implementation and design)
* Exploration of the UML diagrams
* Conclusion (Summary, What I could’ve done better, different approach to another CW?)

Brief overview of my coursework –

* Create a library management system that allows the librarian to add a member, add a new book, issue a book, return a book that was borrowed, display all the books that the member has borrowed and calculate fines.
* The software consists of the program in a loop until the librarian chooses to exit (**6** in the menu). Each menu option corresponds to calling a specific function. The user interacts with the program through the terminal.
* The Library Management System comprises two key entities: Library members and Library books. Each member is assigned a unique identifier, and they can borrow and return books. Books are catalogued with specific details such as title, author, and due date.

A screenshot of a computer

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A screenshot of a computer

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Conclusion –

* Went through the code and delved into the implementation of the code. I also Explained the UML diagrams that correlated to my coursework and what went wrong.
* What I could’ve done better was reduce some repetitive code in specific areas of my code. I could’ve named some of the variable’s different unique names so other variables don’t inter-twine with each other.
* How I could’ve approached this coursework differently, so I don’t encounter the same problem is write test cases and catch2 test code to ensure class functionality.