

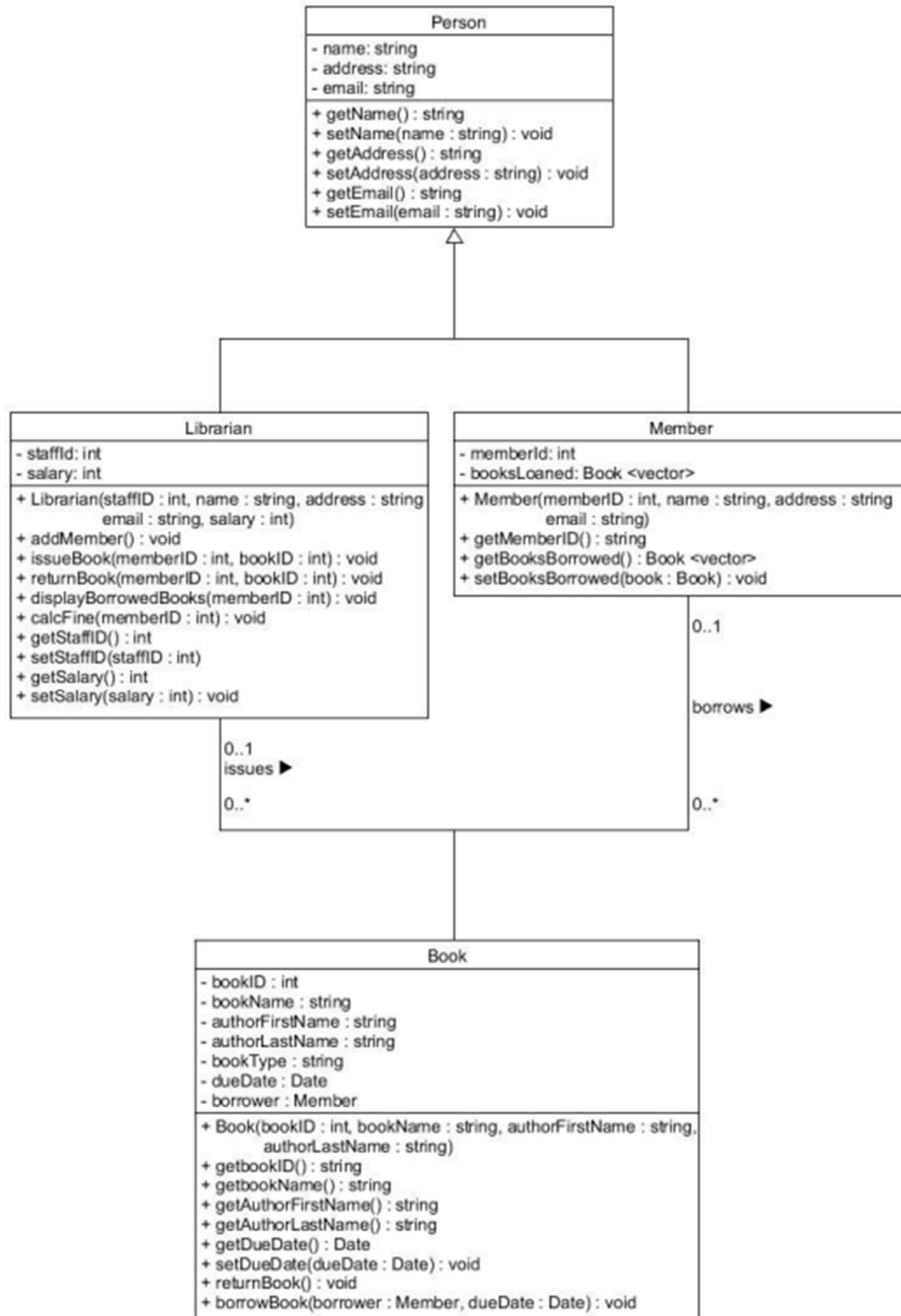
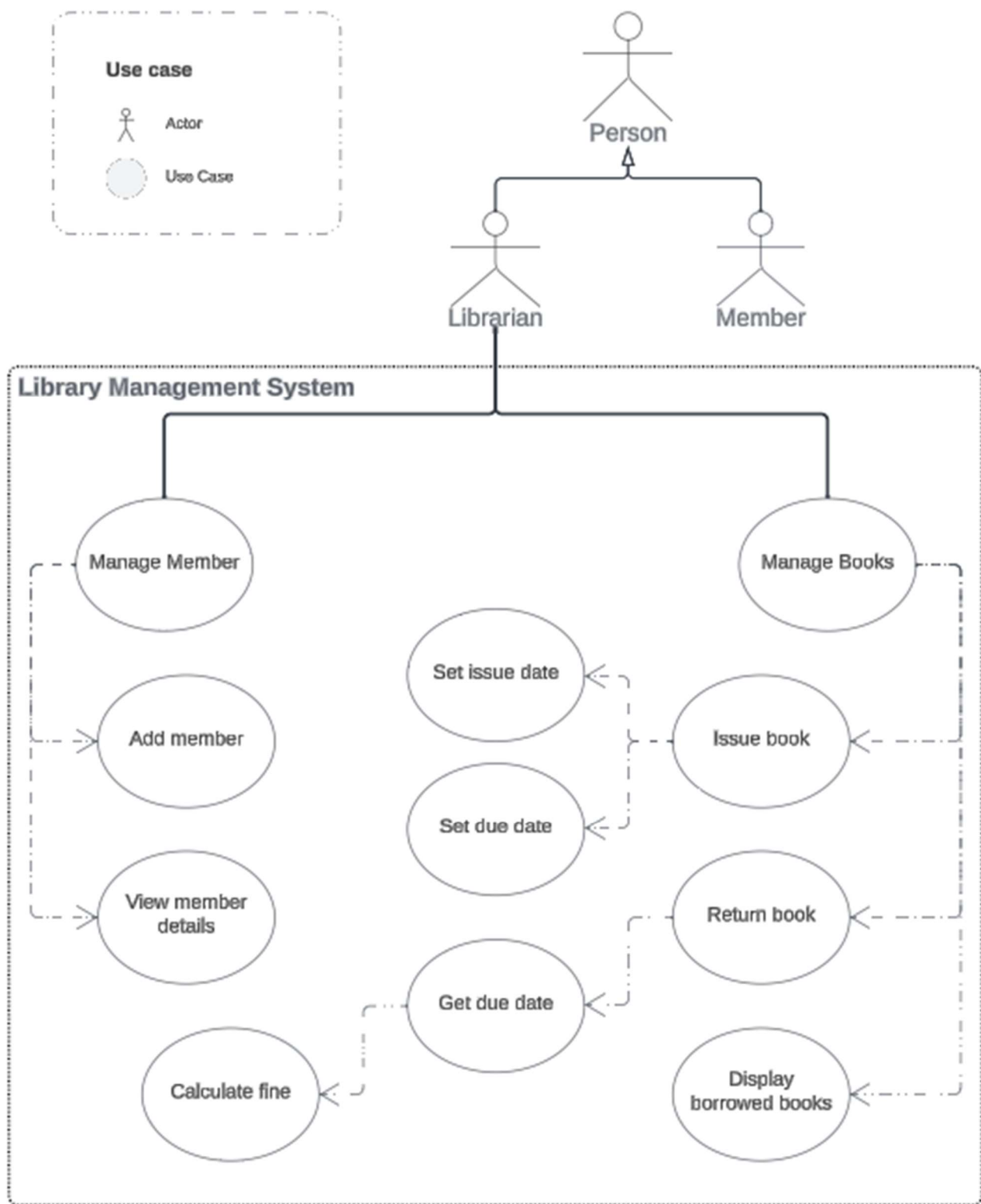
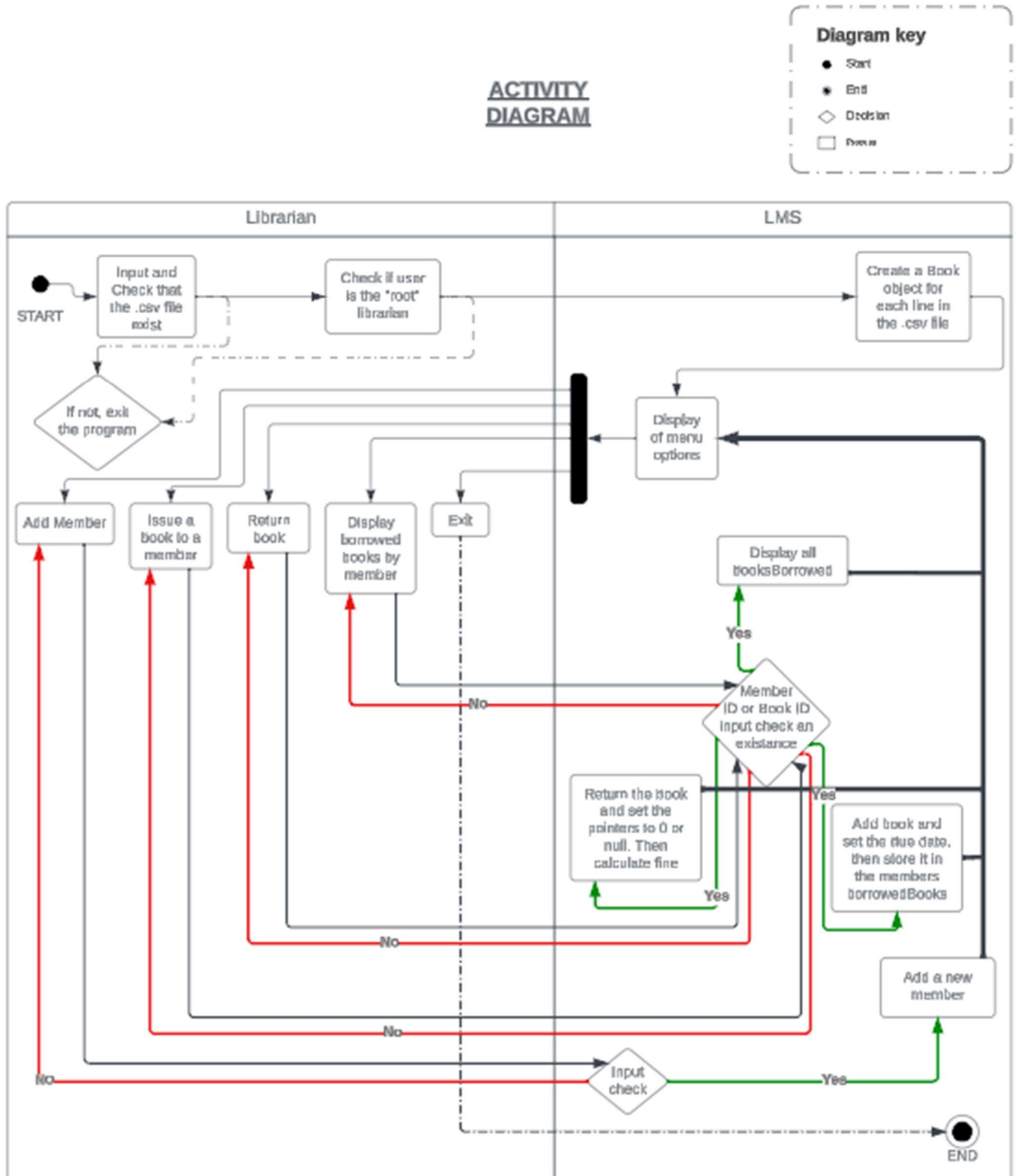
CST2550 -- COURSEWORK 1**UML Class Diagram for Library Management System**

Figure 1: The UML class diagram for the library system.

Use Cases Diagram




Activity Diagram








Version control and GitHub

ST2550---Coursework1 / Add file ...

**MrRincon**


test.cpp file added and makefile updated




3189e47 · 22 minutes ago  **History**

Name	Last commit message	Last commit date
 diagrams	UML Class Diagram added again	3 hours ago
 librarySystem	test.cpp file added and makefile updated	22 minutes ago
 LICENSE	Initial commit	3 days ago
 README.md	Updating README.md file	3 days ago


Commits on Jan 12, 2024




test.cpp file added and makefile updated

 MrRincon committed 18 minutes ago


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


test.cpp file added and makefile updated

 MrRincon committed 44 minutes ago


d7a4386   




catch.hpp file added

 MrRincon committed 2 hours ago


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


Adding student ID number in the comments and checking the code guidelines

 MrRincon committed 2 hours ago

a2d251a   


option menu rearranged, returning books and calculating fine done




 MrRincon committed 3 hours ago

c814a79   


Commits on Jan 11, 2024




Input checks added and returning books borrowed by member complete

 MrRincon committed 12 hours ago

b6624b1   


Adding member and Issueing book to member complete




 MrRincon committed 13 hours ago

e9d7f93   

Commits on Jan 10, 2024


Reading from csv added




 MrRincon committed 2 days ago


0b9abd2   

Commits on Jan 8, 2024

Delete librarySystem/person.o


 MrRincon committed 3 days ago




Verified 3aab688   

 MrRincon committed 13 hours ago

Commits on Jan 10, 2024


Reading from csv added




 MrRincon committed 2 days ago

0b9abd2   


Commits on Jan 8, 2024




Delete librarySystem/person.o

 MrRincon committed 3 days ago


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


Delete librarySystem/member.o

 MrRincon committed 3 days ago


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


Delete librarySystem/librarian.o

 MrRincon committed 3 days ago


Verified 66d515e   




Delete librarySystem/book.o

 MrRincon committed 3 days ago


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


Creating the makefile and the main.cpp

 MrRincon committed 3 days ago


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


Creating the .h and .cpp files for Book class

 MrRincon committed 3 days ago


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


Creating the .h and .cpp files for Member class

 MrRincon committed 3 days ago


2f05637   




Creating the .h and .cpp files for Librarian class

 MrRincon committed 3 days ago


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


Creating the .h and .cpp files for Person class

 MrRincon committed 3 days ago

36aefb3   

Adding the csv file with the books

 MrRincon committed 3 days ago

3f8c129   

End of commit history for this file

CONCLUSION

- Use of diagrams, makefile and testing.
- Version control and GitHub.
- Few limitations and future approach