



PROJECT NAME: ELECTRONIC LIBRARY SYSTEM

اعضاء الفريق
فرقة رابعة

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تحت اشراف
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PROJECT PURPOSE:

- 1-DEVELOP A SYSTEM FOR MANAGING LOAN OPERATIONS.
- 2-SEARCHING FOR BOOKS.
- 3-REGISTERING MEMBERS.
- 4-TRACKING AVAILABLE BOOKS.
- 5-FACILITATE LIBRARY MANAGEMENT.
- 6-IMPROVE THE USER EXPERIENCE.



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AUDIENCE STAKEHOLDERS

1-STUDENTS.

2-RESEARCHERS

3-LIBRARY MEMBERS.

4-LIBRARY STAFF

5-SYSTEM ADMINISTRATOR.



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METHODOLOGY

WE FOLLOW THE AGILE METHODOLOGY, DIVIDING THE PROJECT INTO SHORT SPRINTS, WITH REGULAR STAND-UPS TO REVIEW PROGRESS AND UPDATE REQUIREMENTS BASED ON STAKEHOLDER FEEDBACK.



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REQUIREMENTS

FUNCTIONAL REQUIREMENTS:

USER LOGIN AND LOGOUT

SEARCH FOR BOOKS BY
TITLE/AUTHOR/SUBJECT

MANAGE LOAN AND RETURN
OPERATIONS

ADD/EDIT/DELETE BOOK
INFORMATION



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REQUIREMENTS

Non-Functional Requirements:

EASY AND SIMPLE USER
INTERFACE

HIGH RESPONSE SPEED

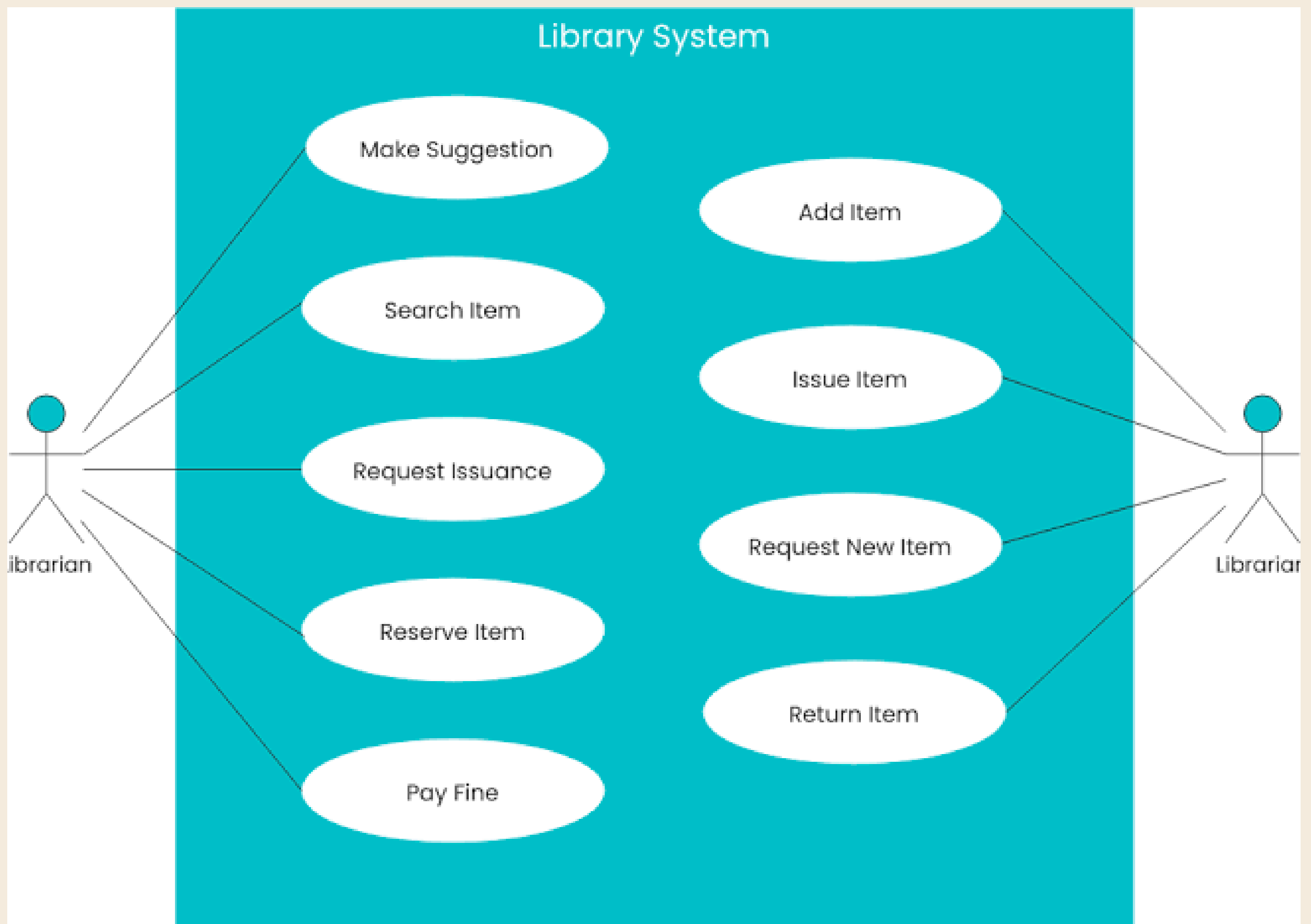
SECURITY PROTECTION OF USER
DATA



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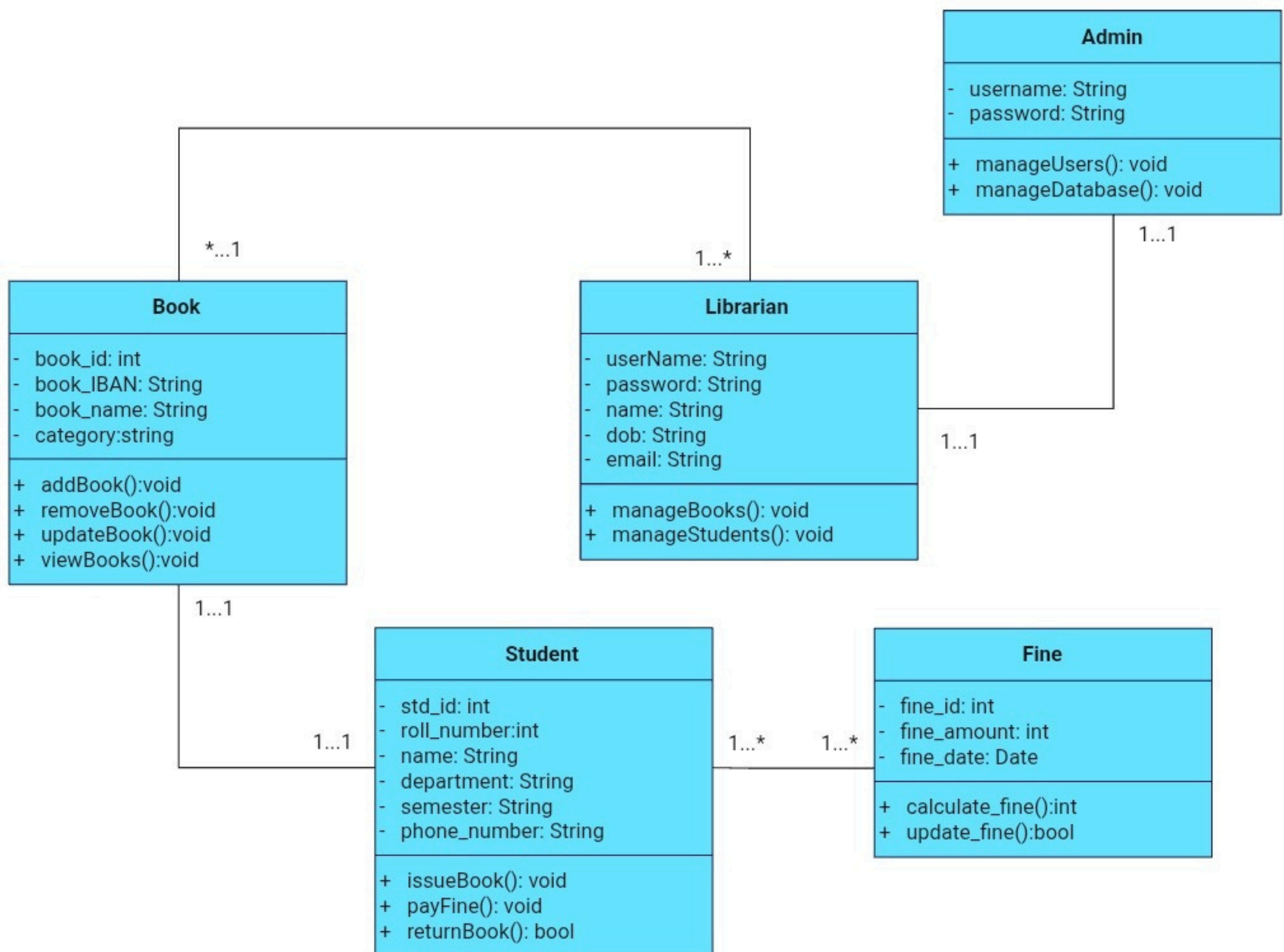
USE CASE DIAGRAM





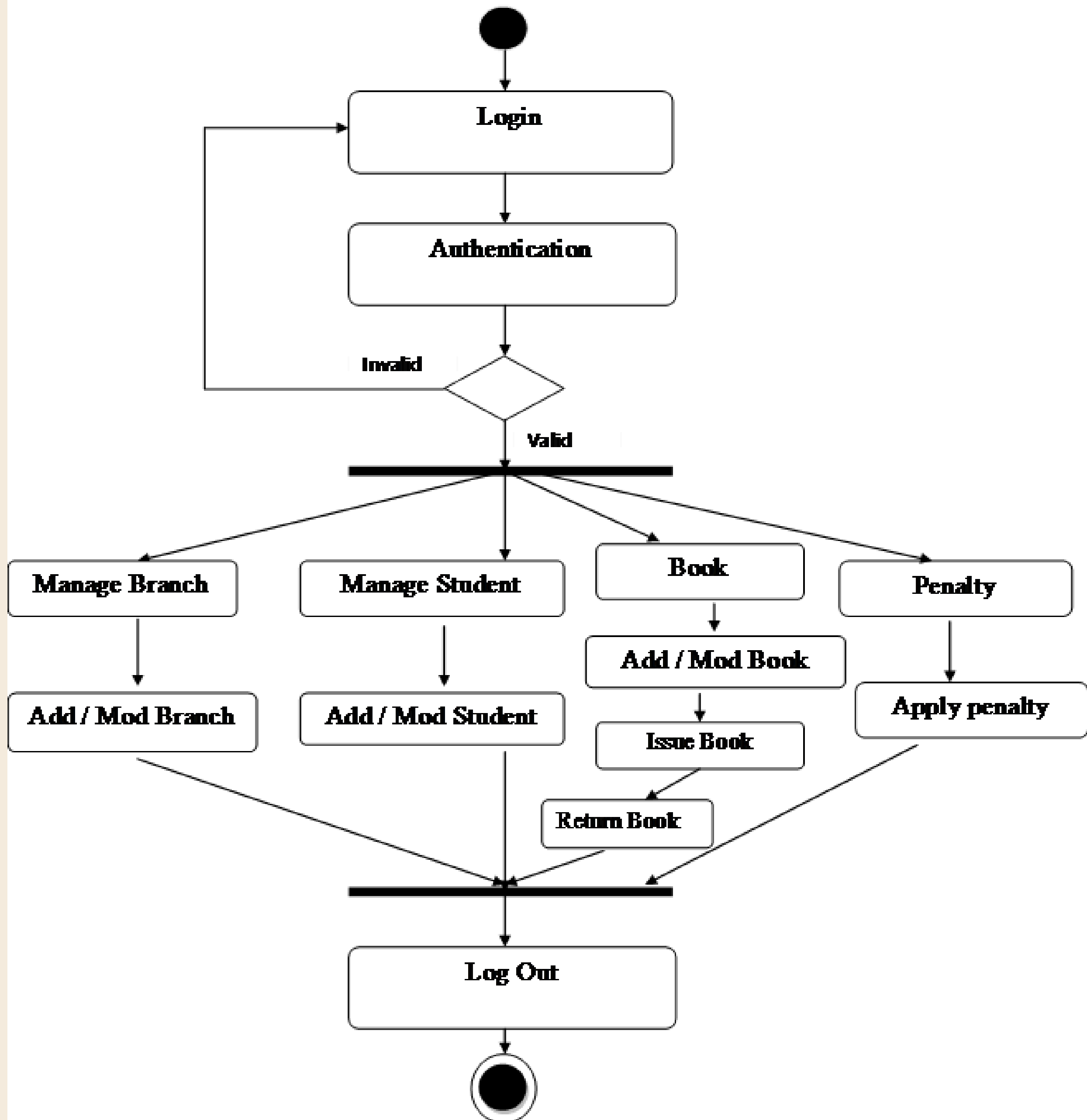
CLASS DIAGRAM

Library Management system Class Diagram



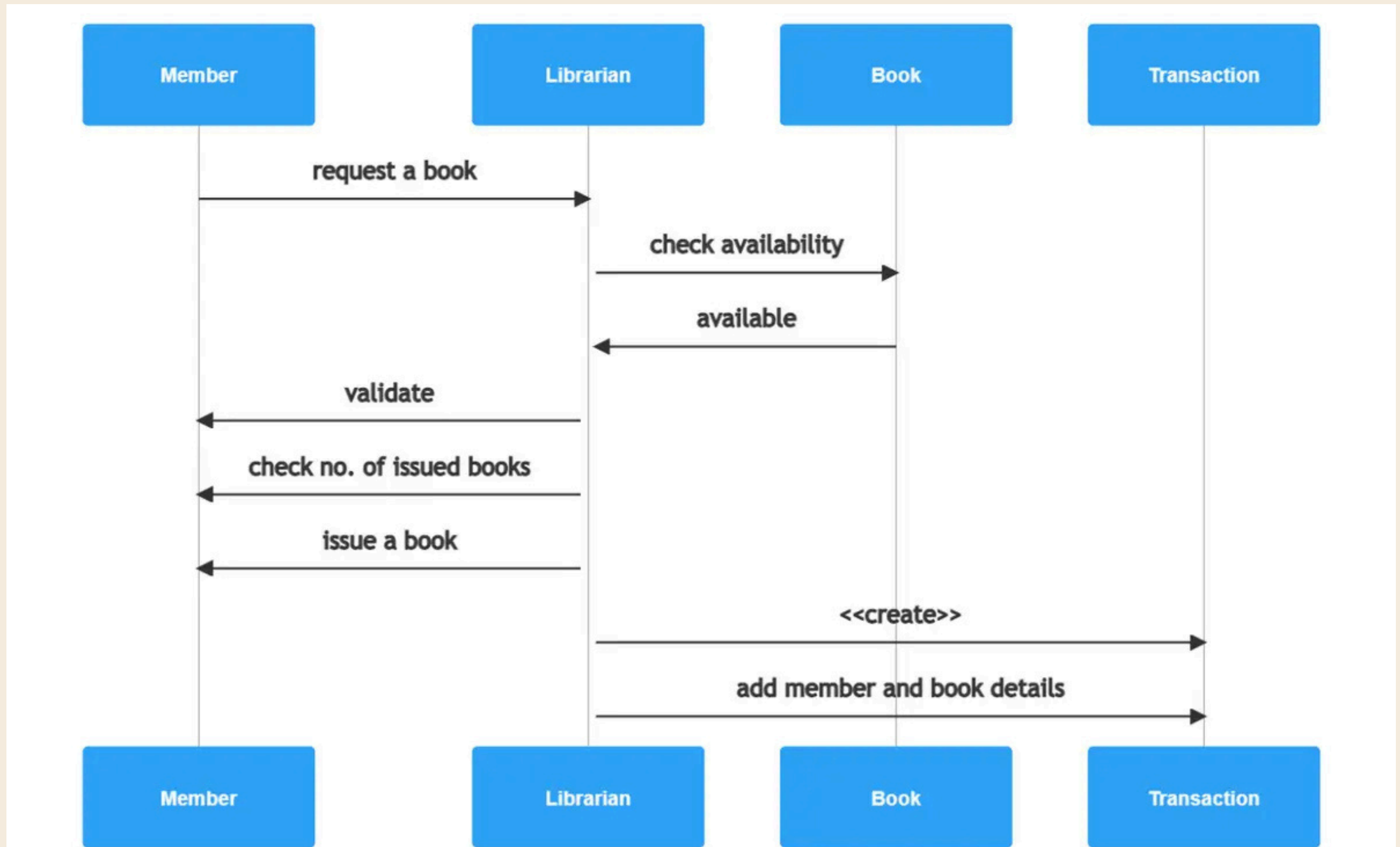


ACTIVITY DIAGRAM





SEQUENCE DIAGRAM





ER DIAGRAM

ENTITY RELATIONSHIP DIAGRAM

