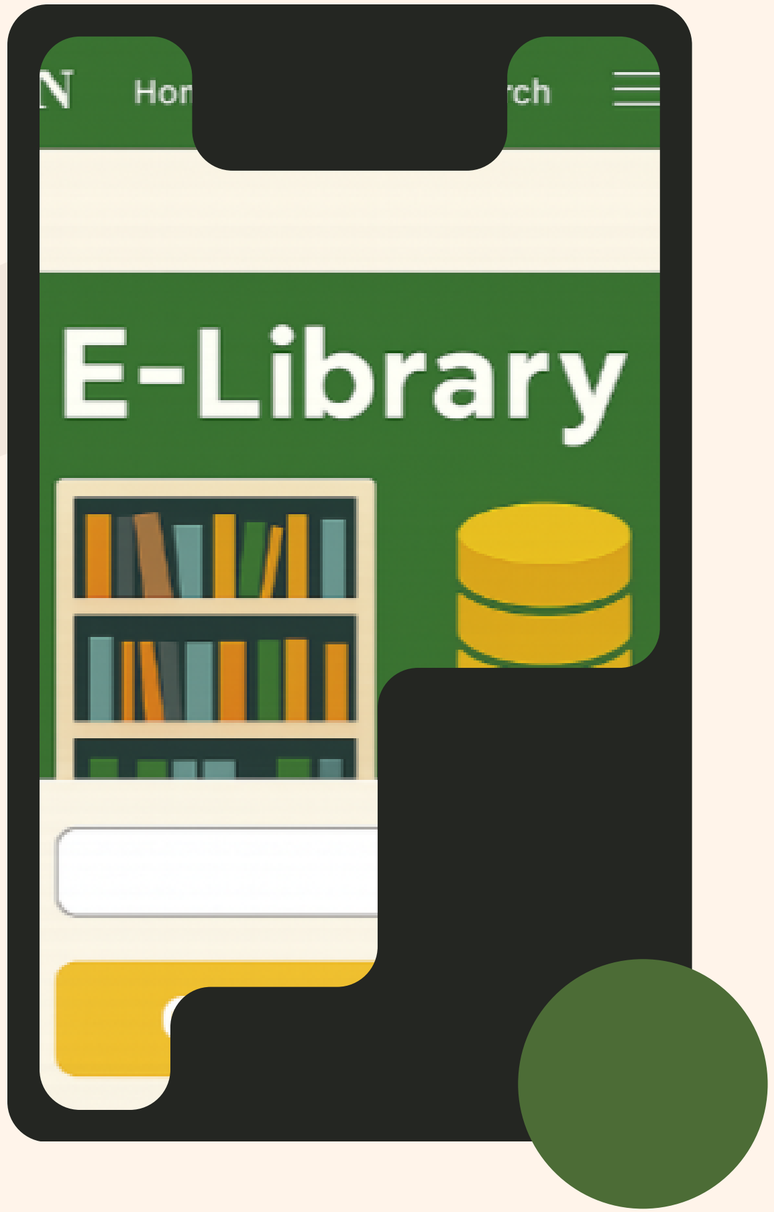
LIBRARY MIS

Improving Library Operations Through MIS



What is Library MIS?

Definition

A system that helps library operations

Goal

Reducing the time on searching books and the time in-time out in the library

Benefits of Using Library MIS

Access to Information	Find quality information.
Better managing informations	Reduces errors common in paper-based system
Reduces time spent on searching books	Quickly tracks the availability of the books

Features Of The Library MIS

Time in/ Time out	Records the student entry and exit for monitoring and security purposes
Centralized Database	Stores all the library books in one system for faster access and managemenrt
Search Functionality	Allow users to search books by ID, keyword, author, or genre

Primary Objectives

1. Improve Efficiency
2. Interactive System
3. Accurate and reliable library data management

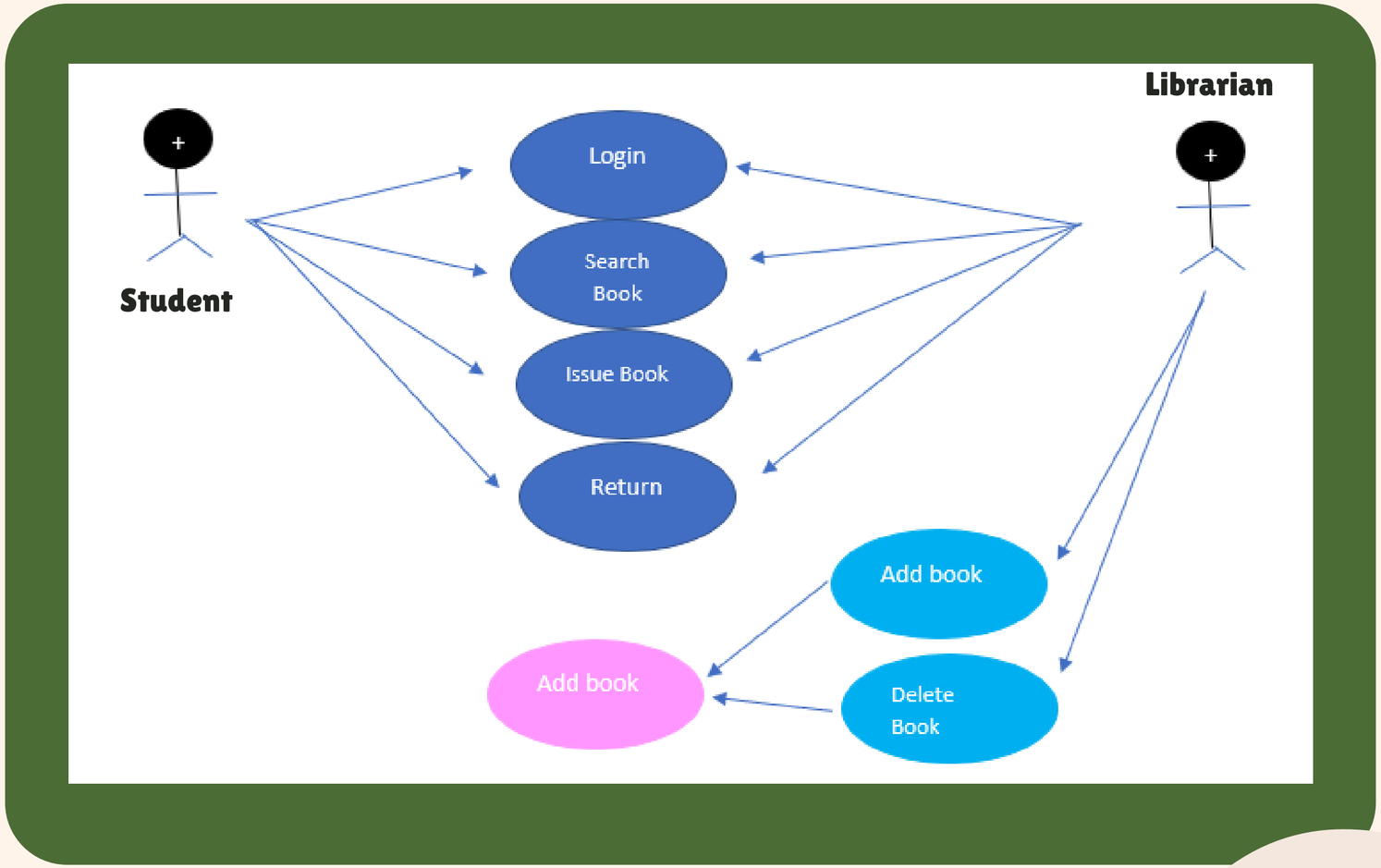
Functional Requirements

01	Book Management	• The system shall store complete books information • The system shall allow the librarian to edit
02	Search Functionality	• The system shall allow users to search books by Book ID, keyword, or genre
03	Attendance Monitoring	• The system shall record library attendance through time in/time out

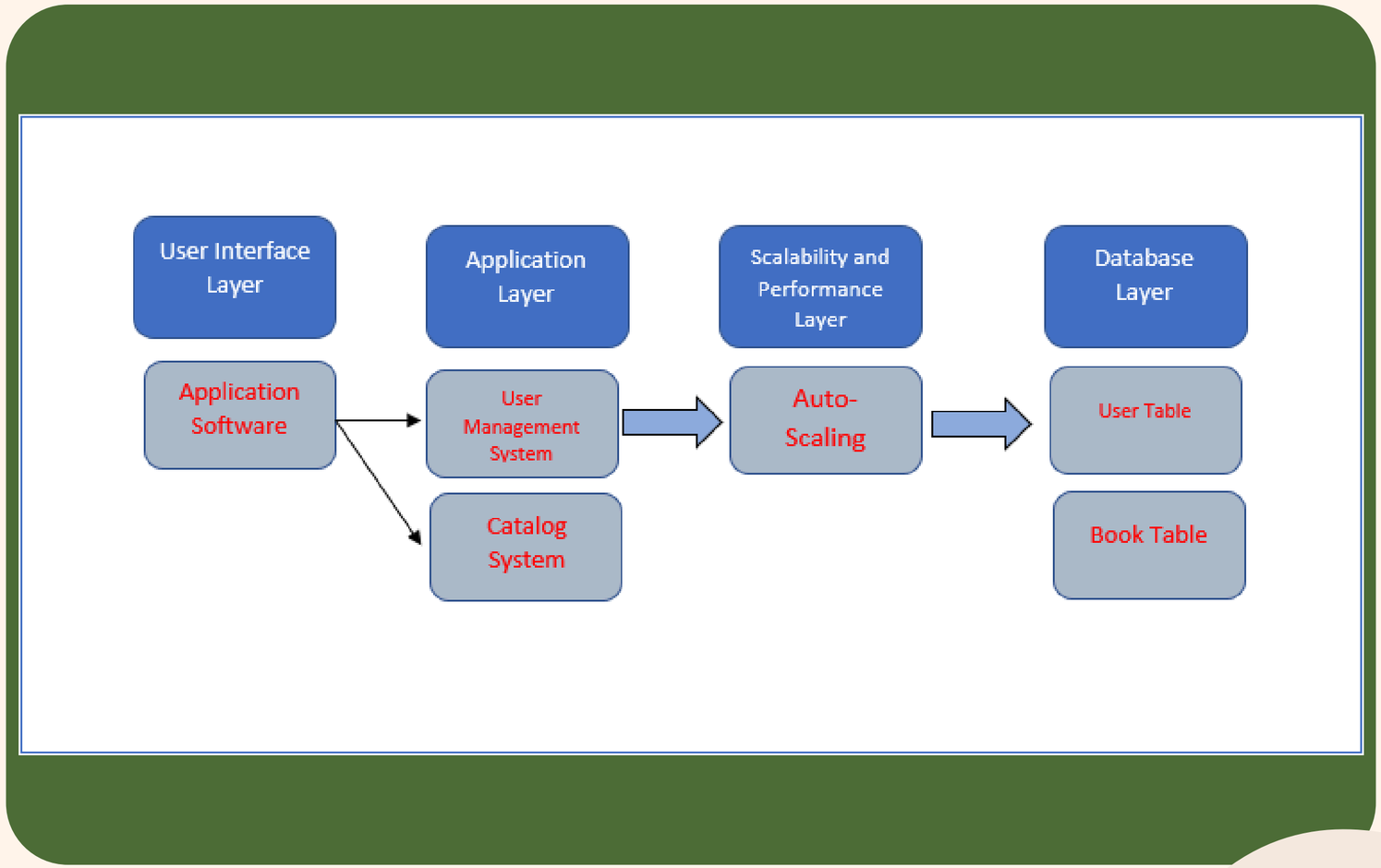
Non-Functional Requirements

01	Performance	Fast system response
02	Availability	System accessible all the time
03	Reliability	Accurate and consistent data

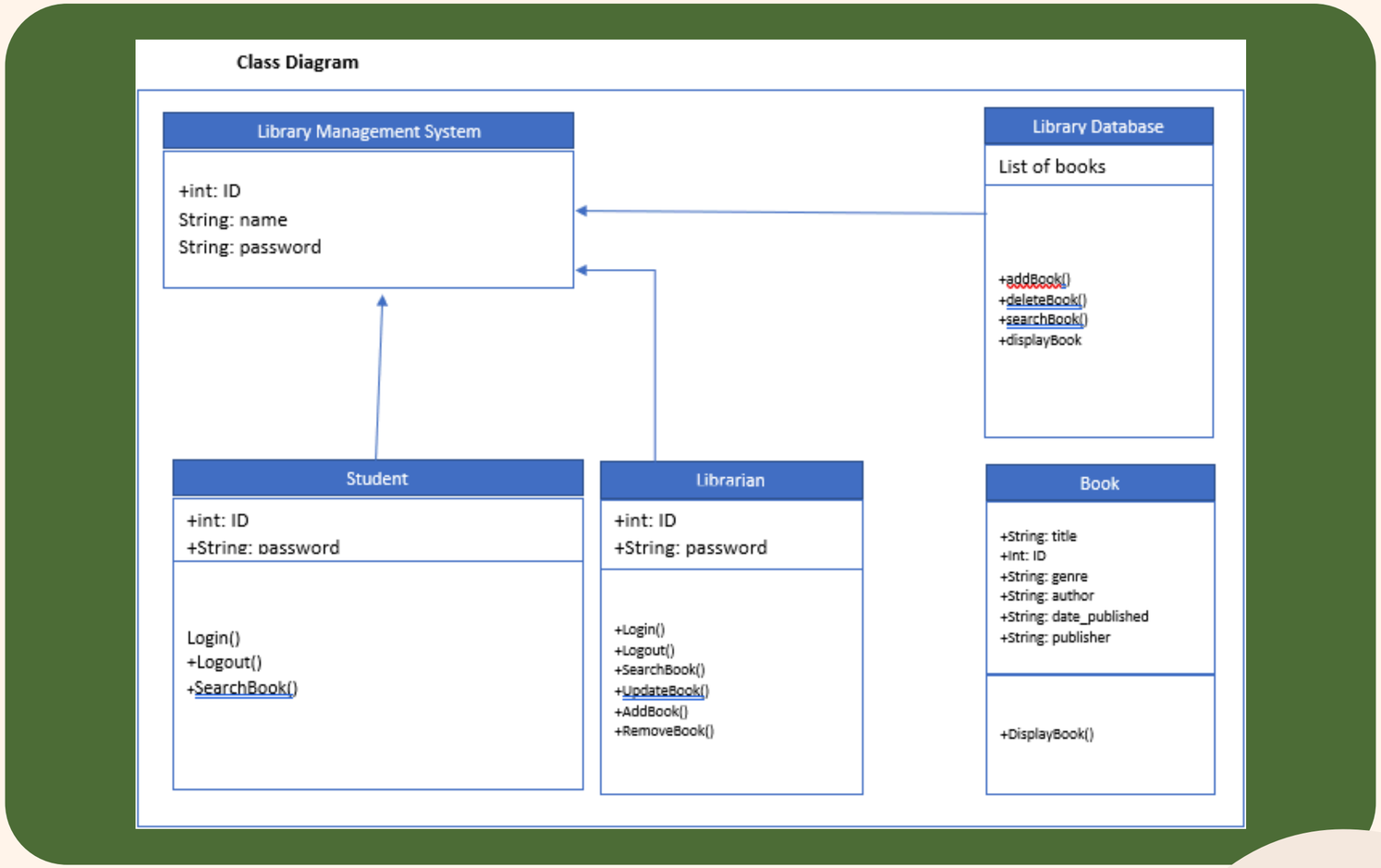
Use Case Diagram



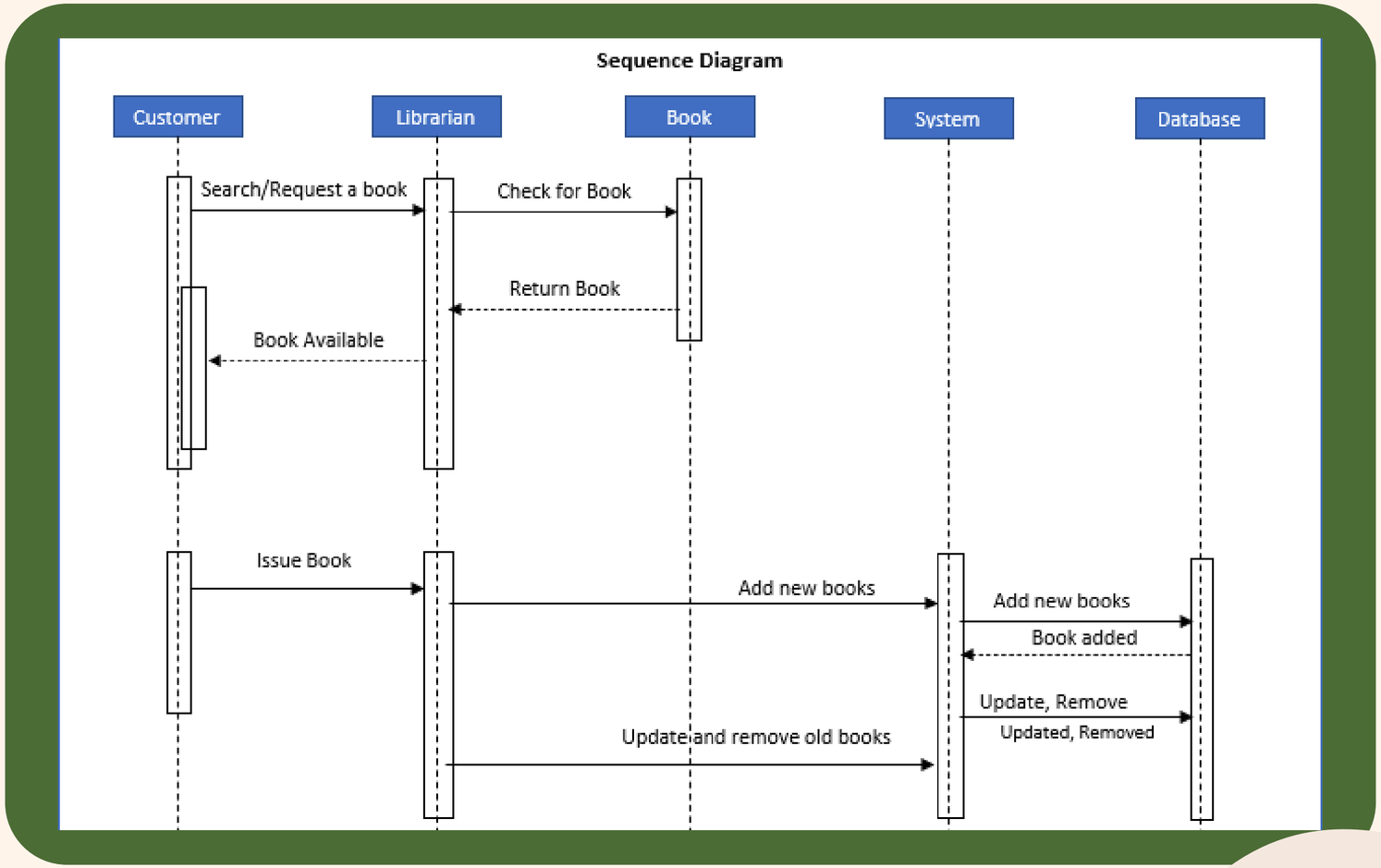
High Level Design



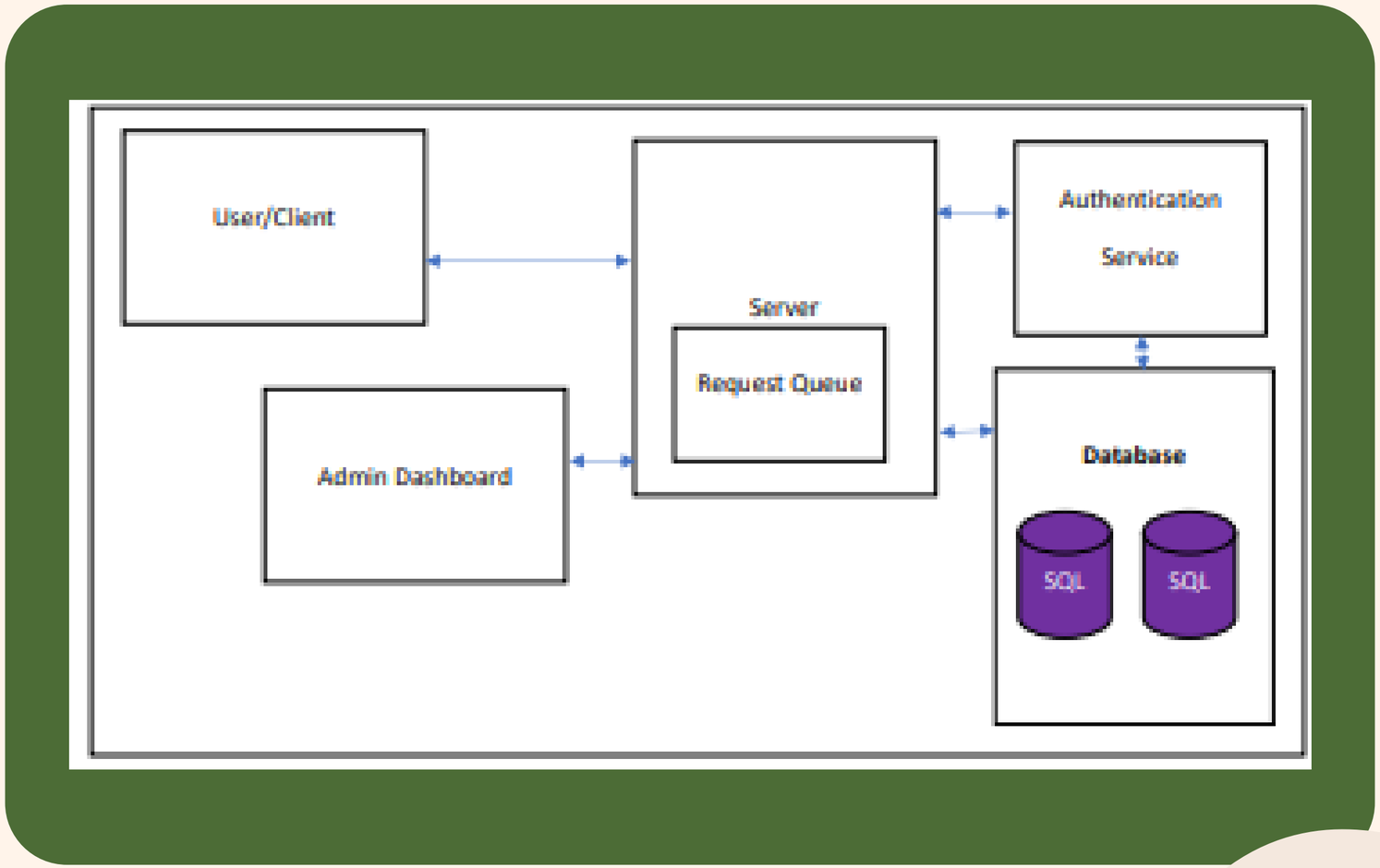
Unified Modeling Language



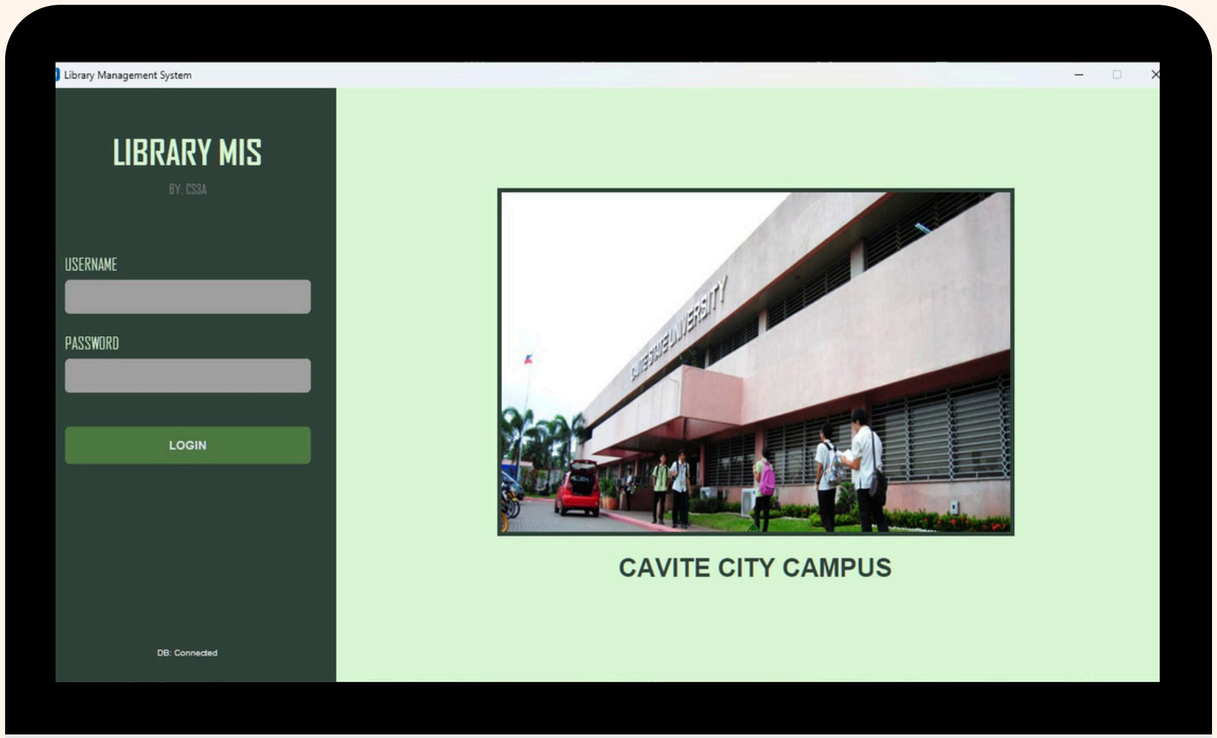
Sequence Diagram



Low Level Design



System Interface Design



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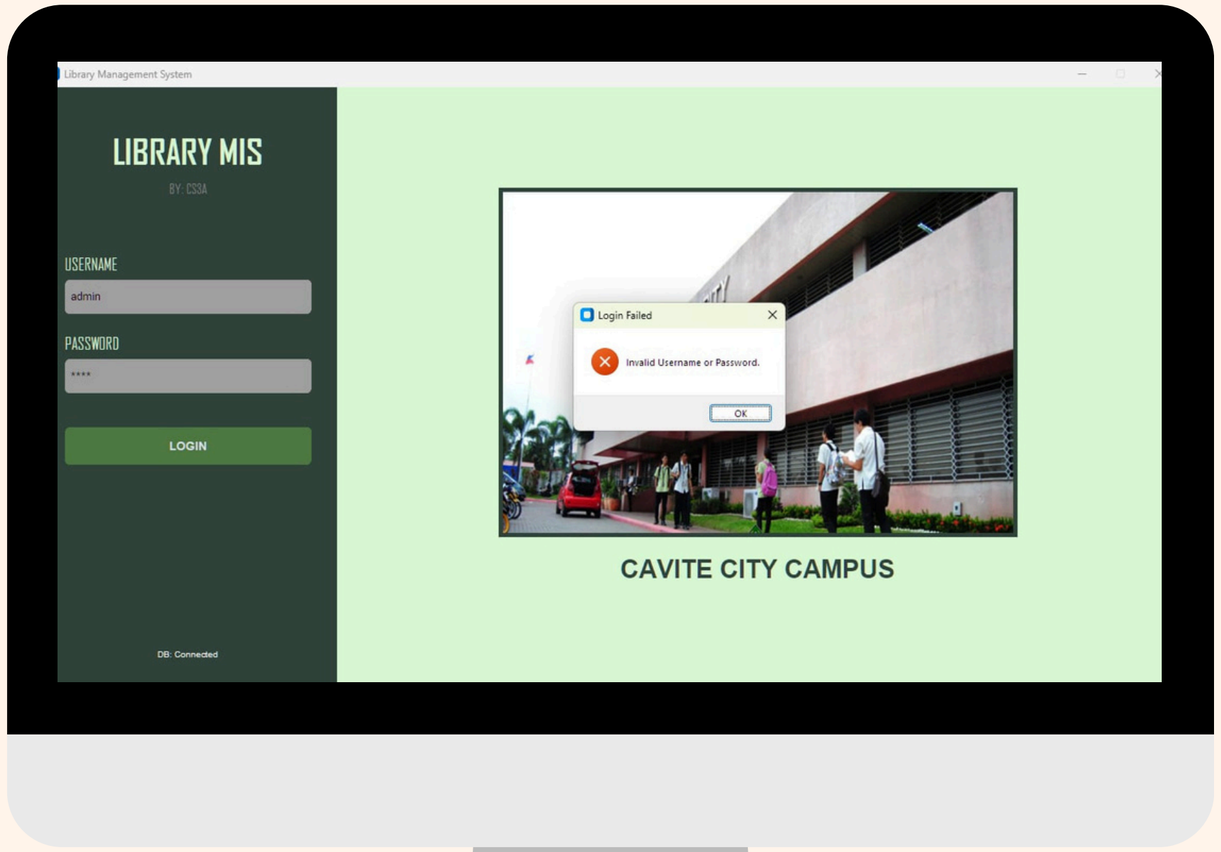

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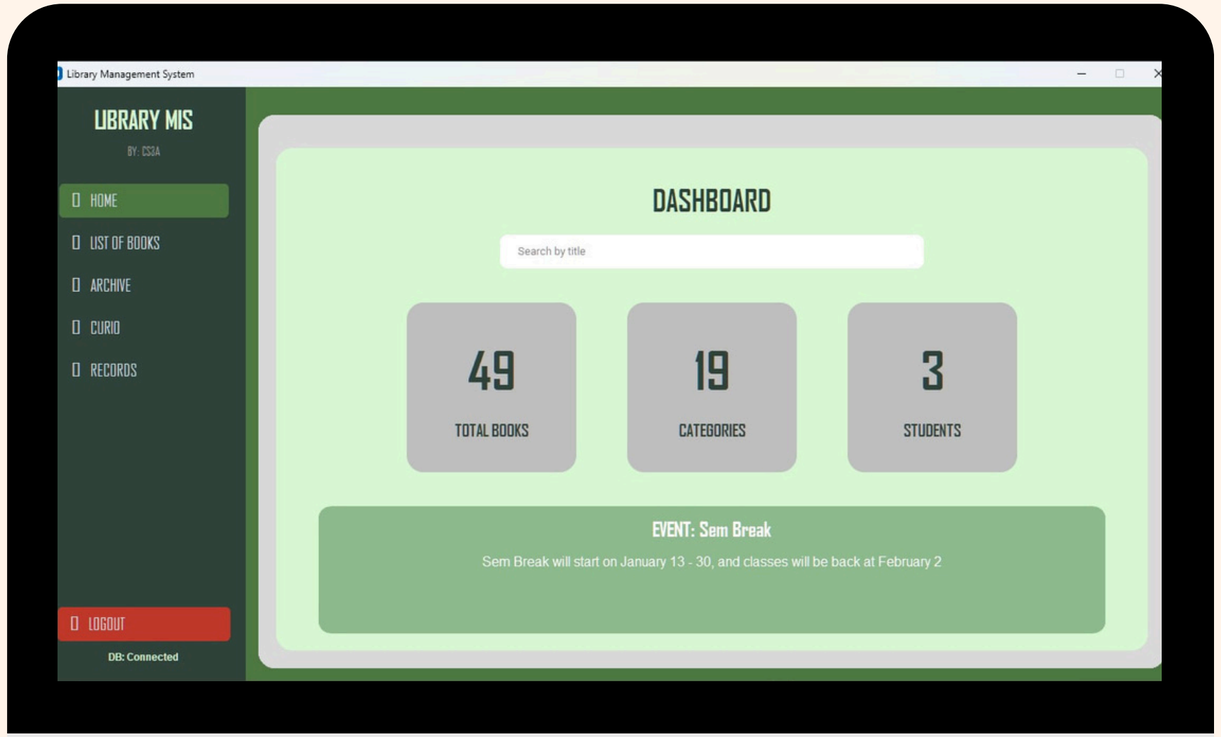

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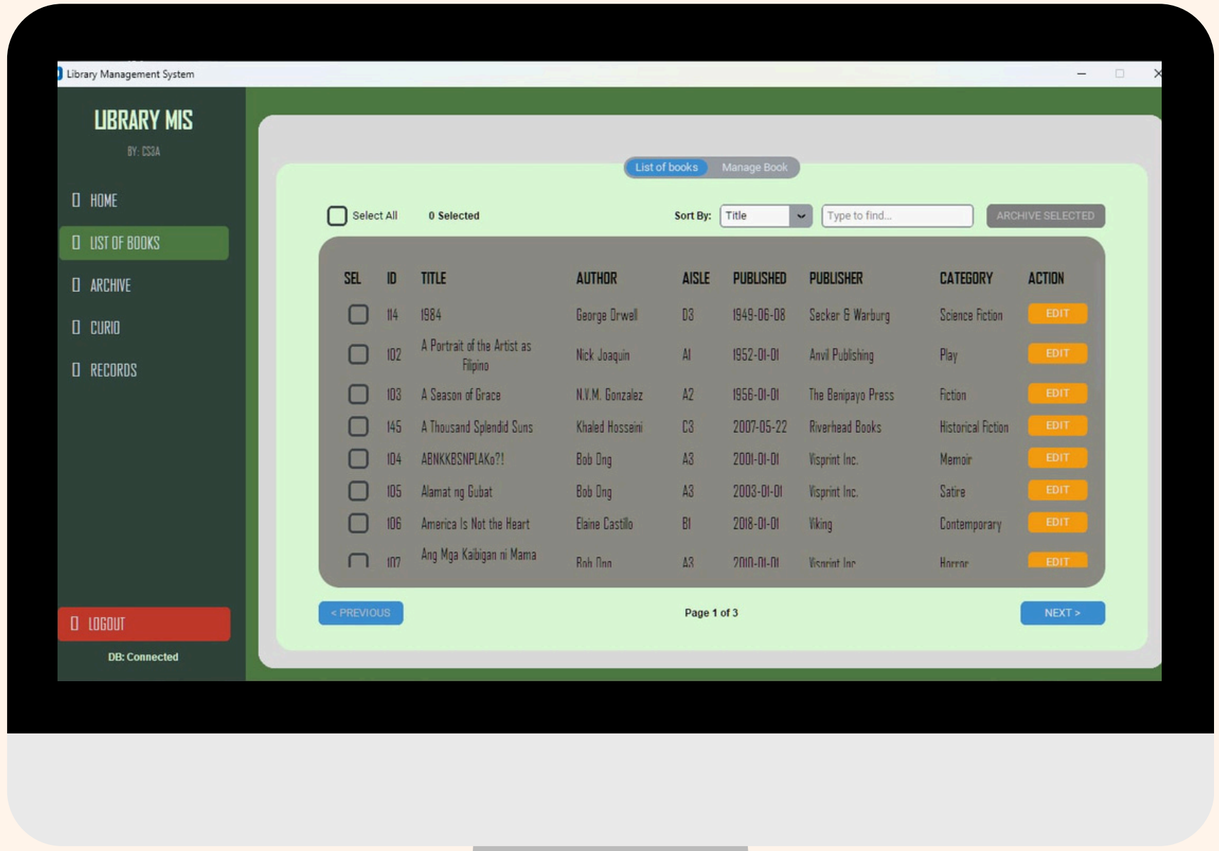

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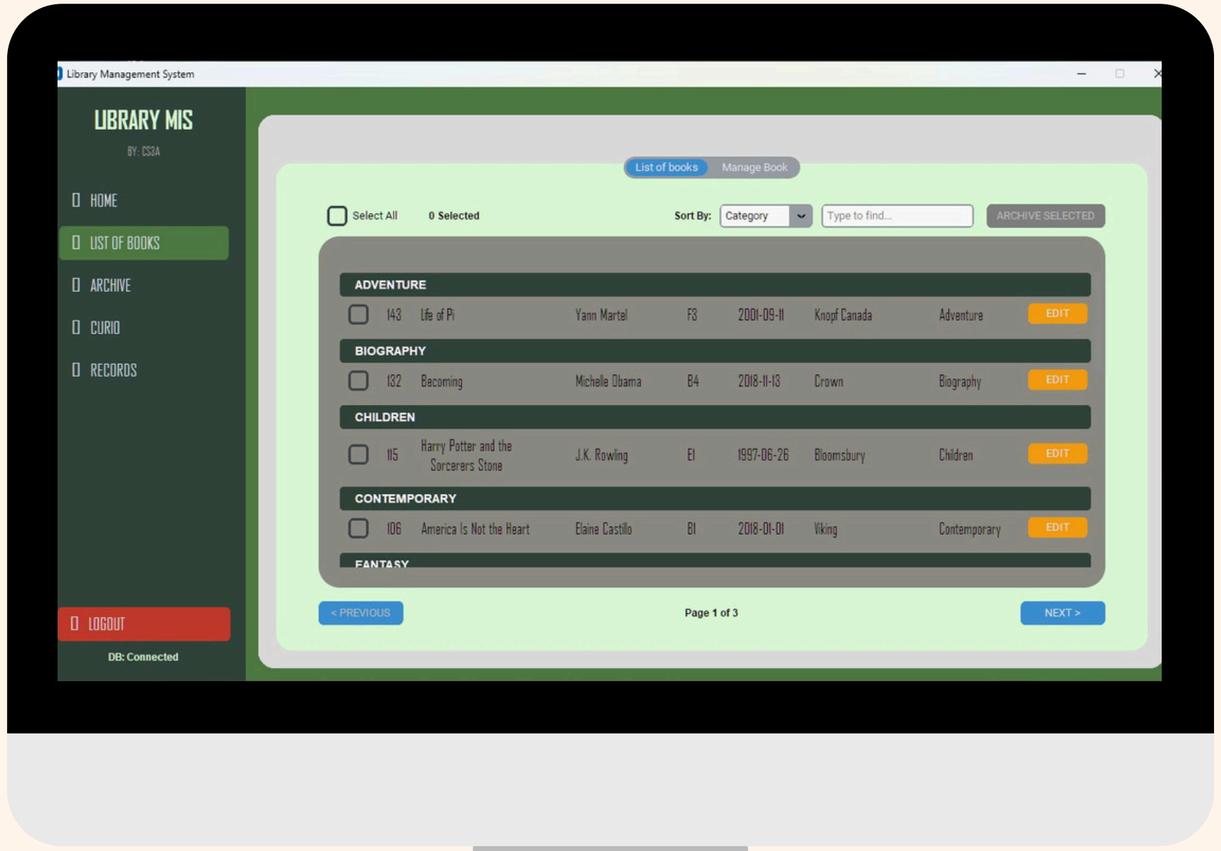

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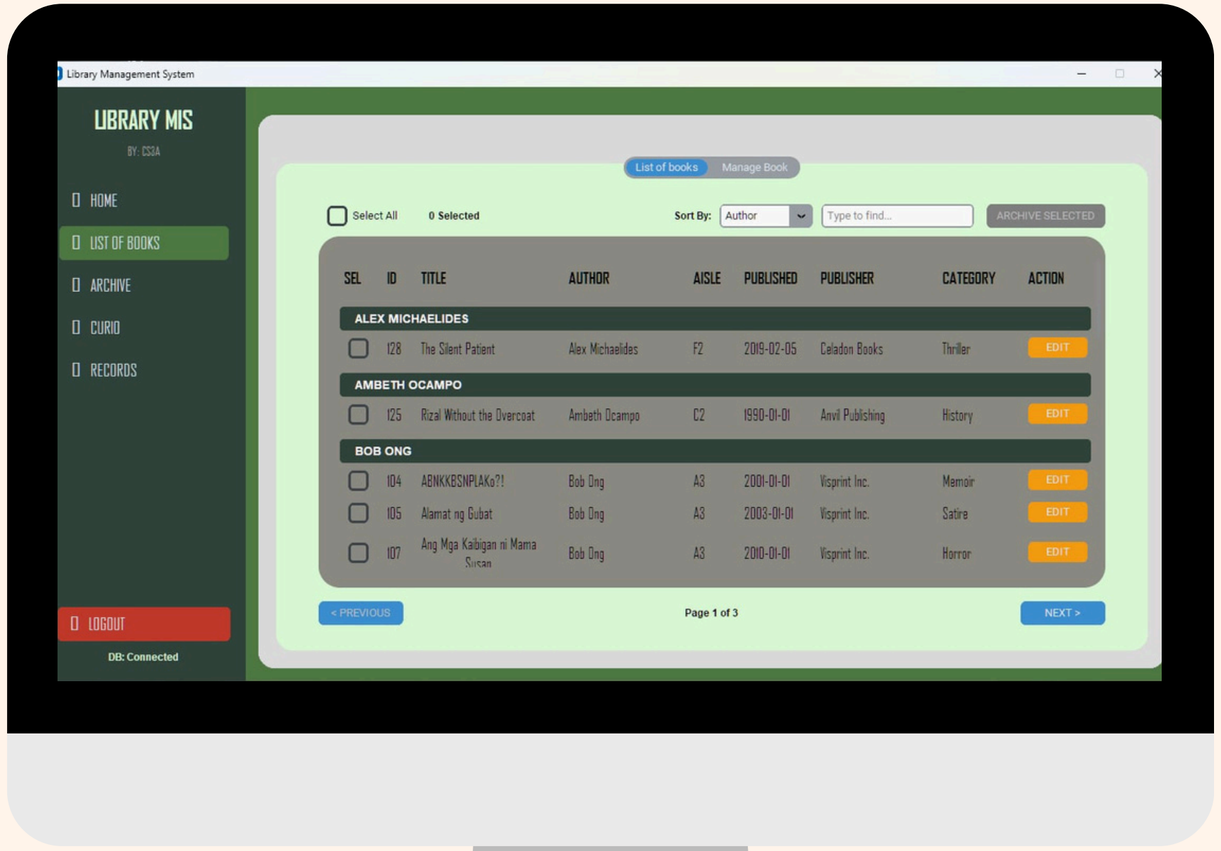

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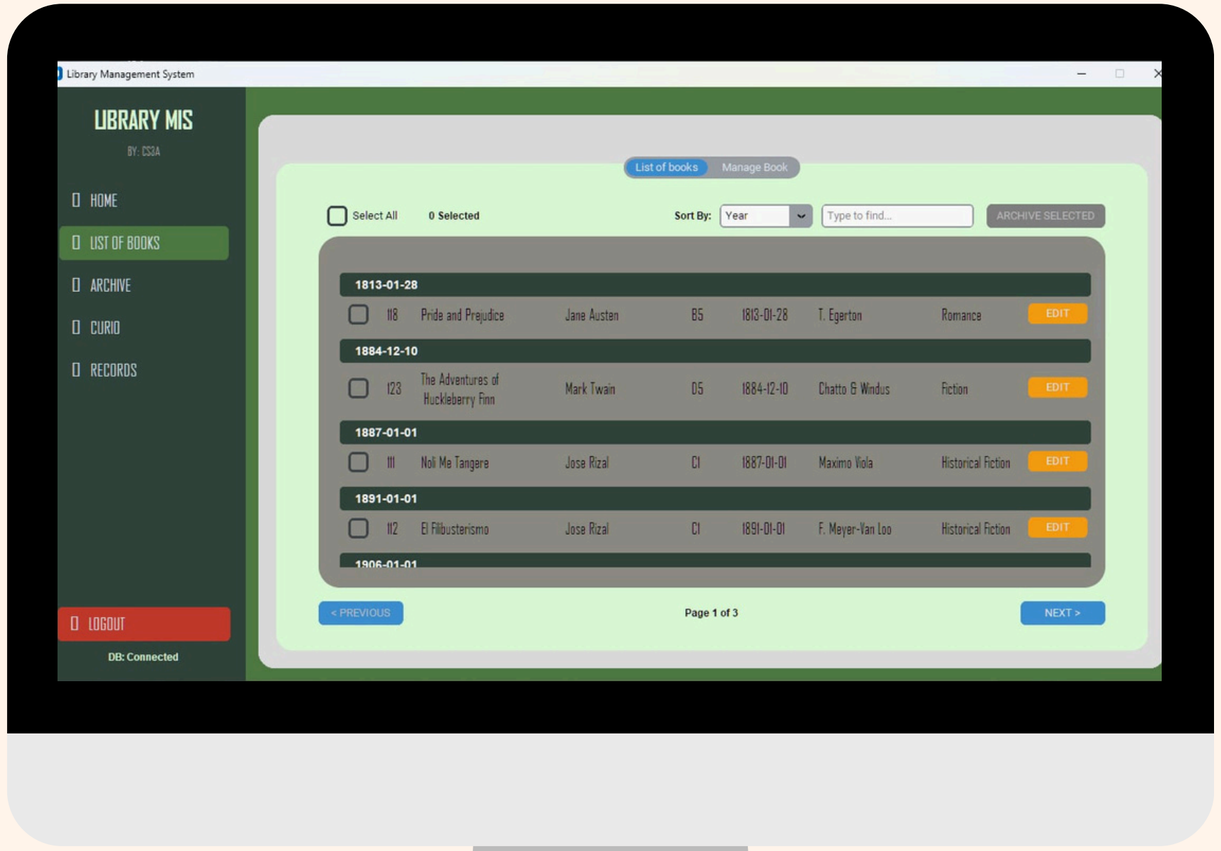

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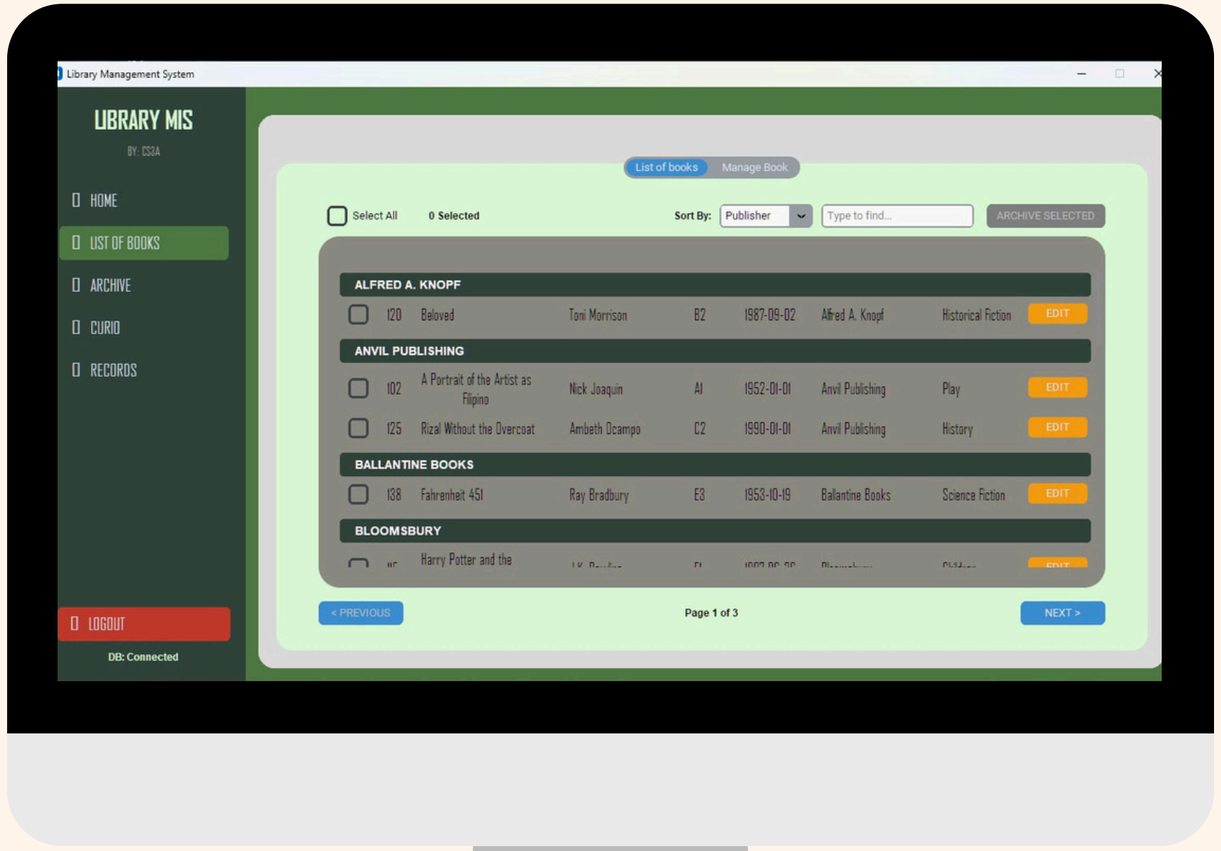

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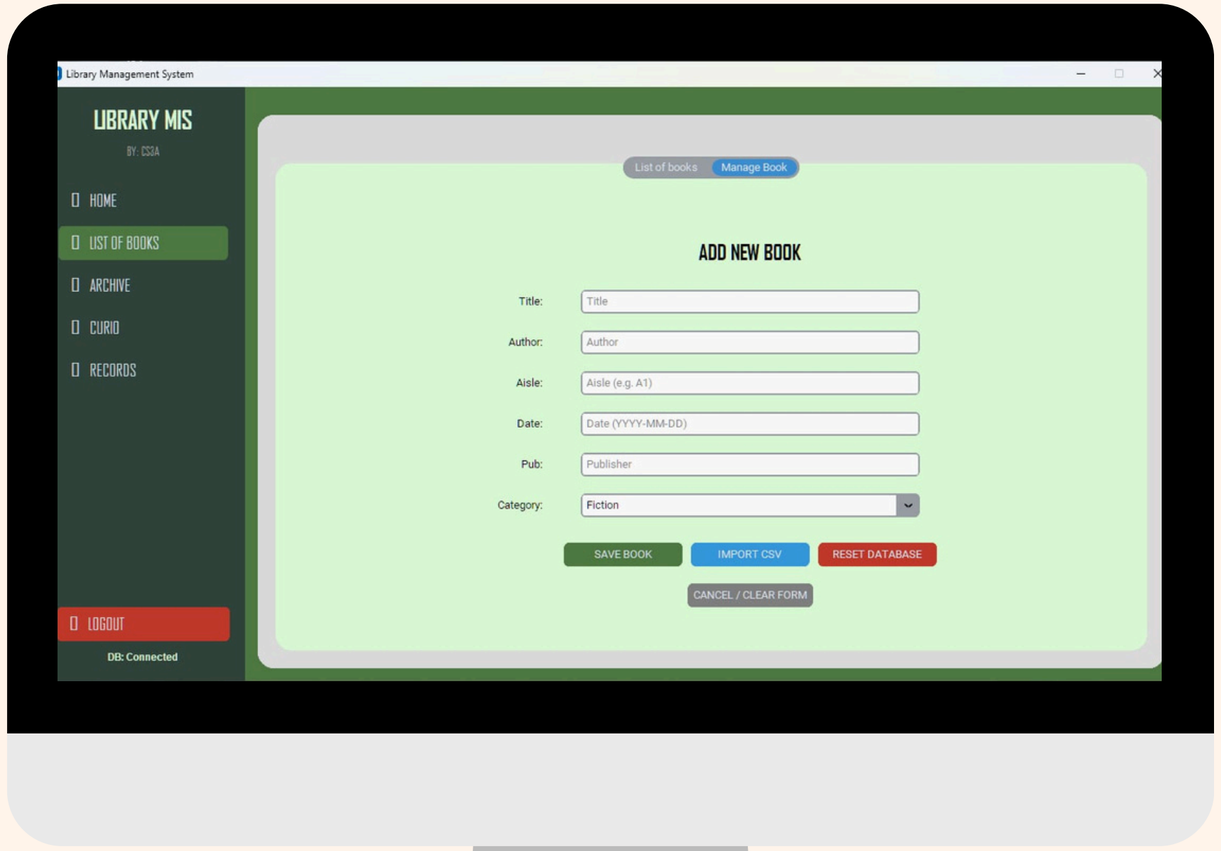

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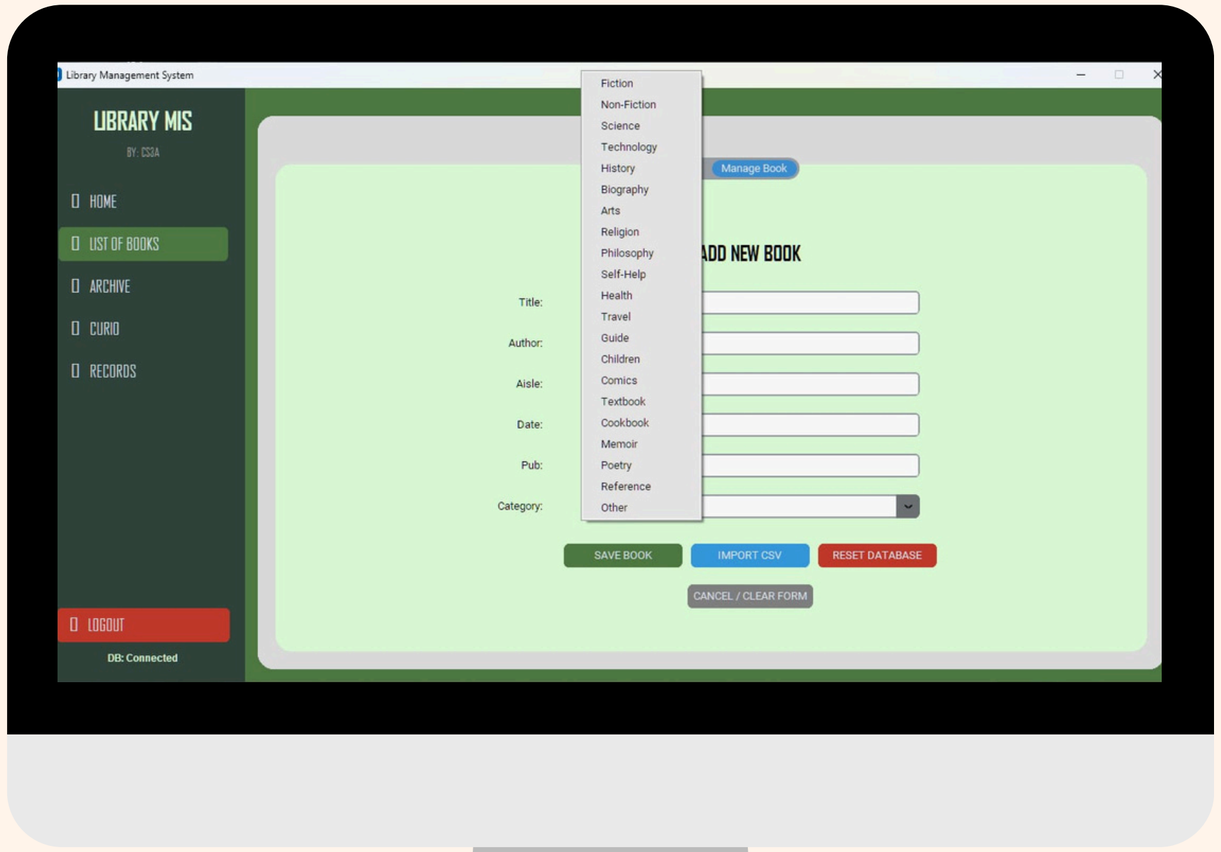

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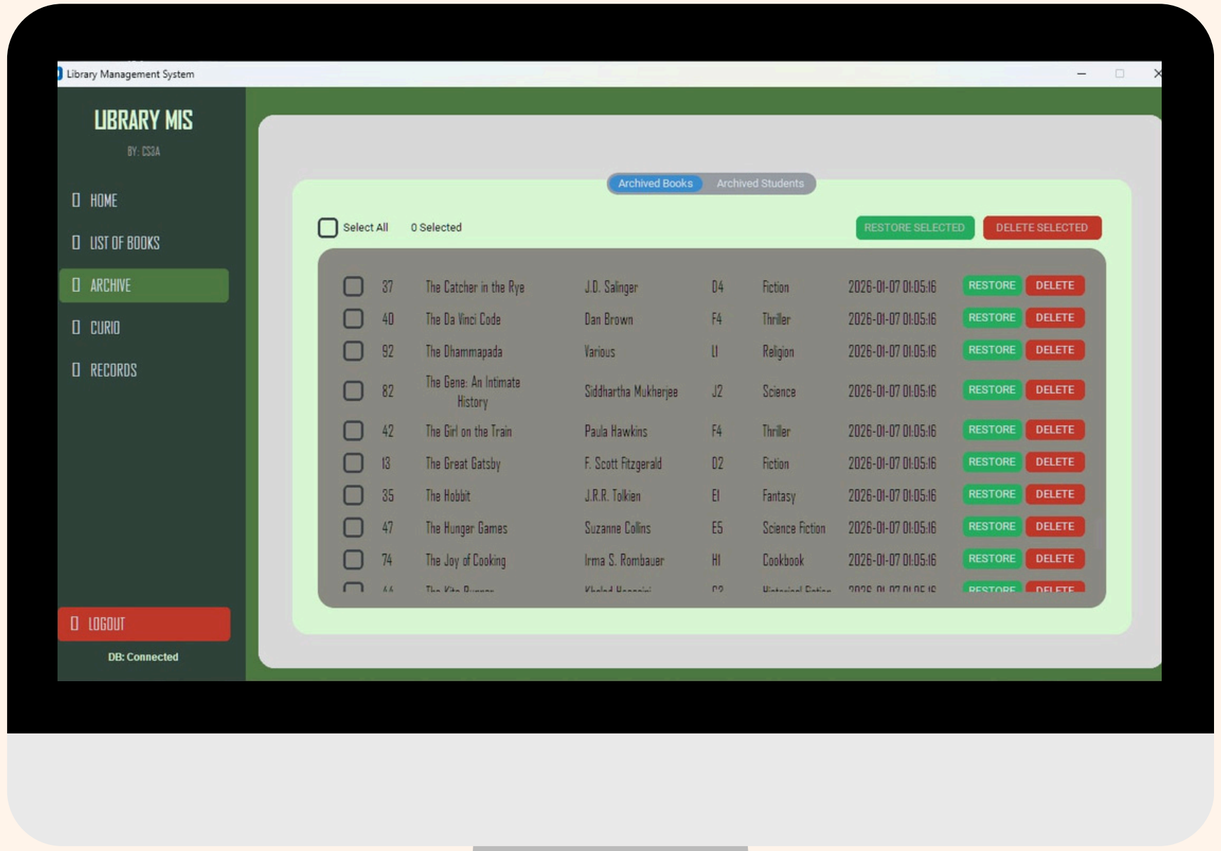

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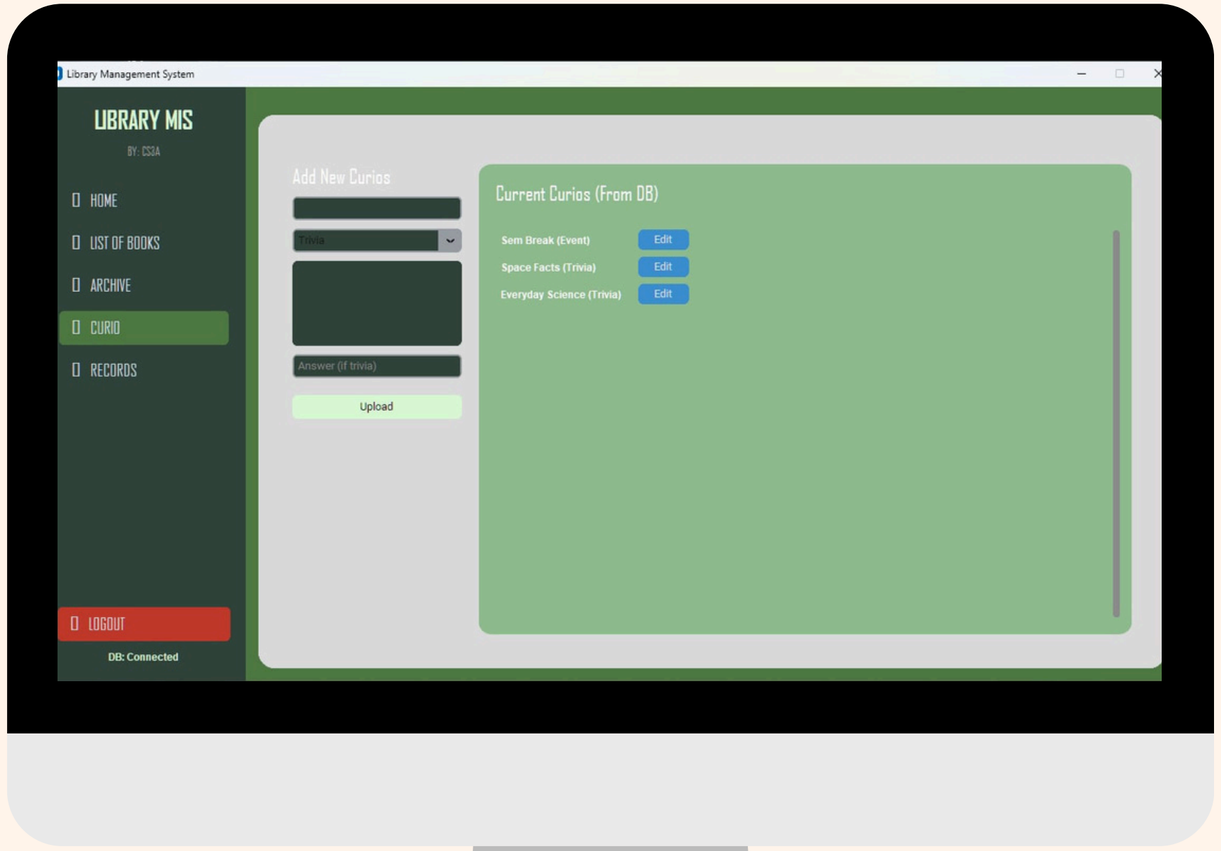

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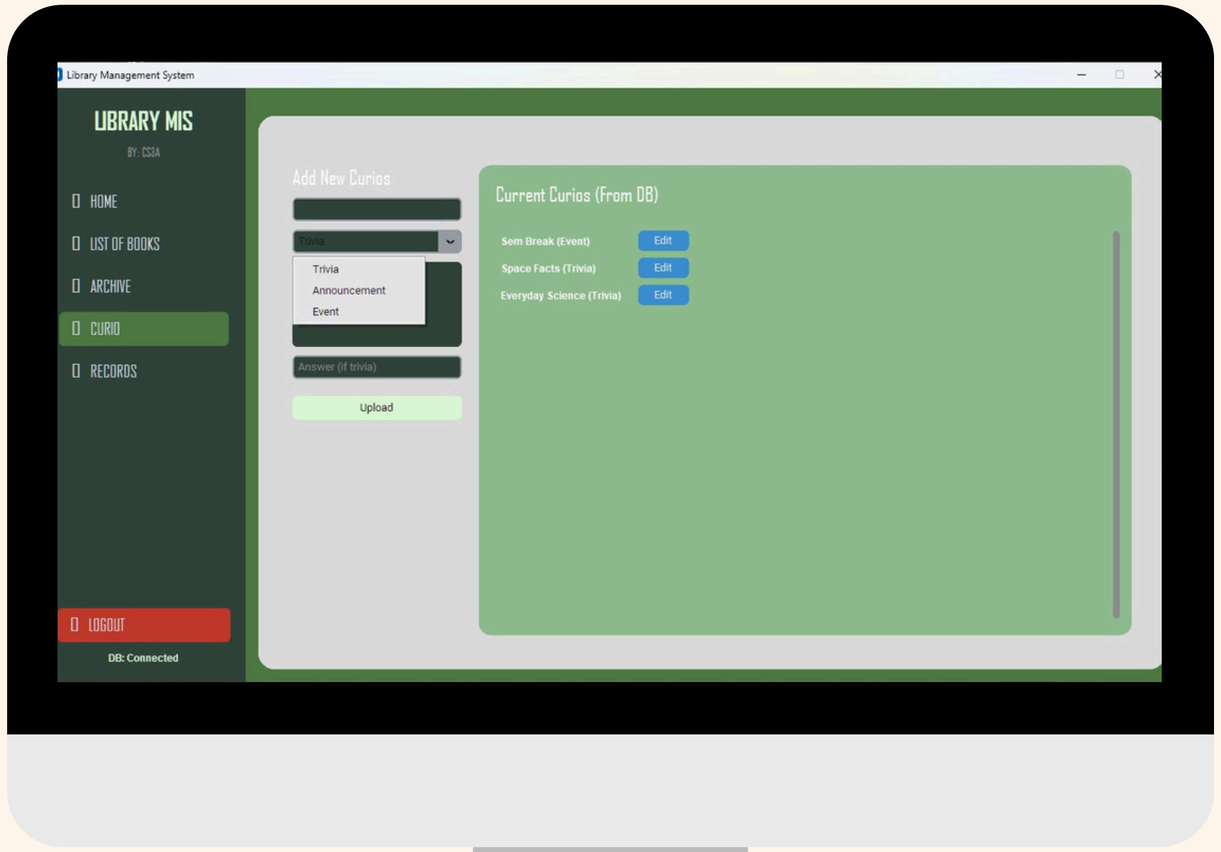

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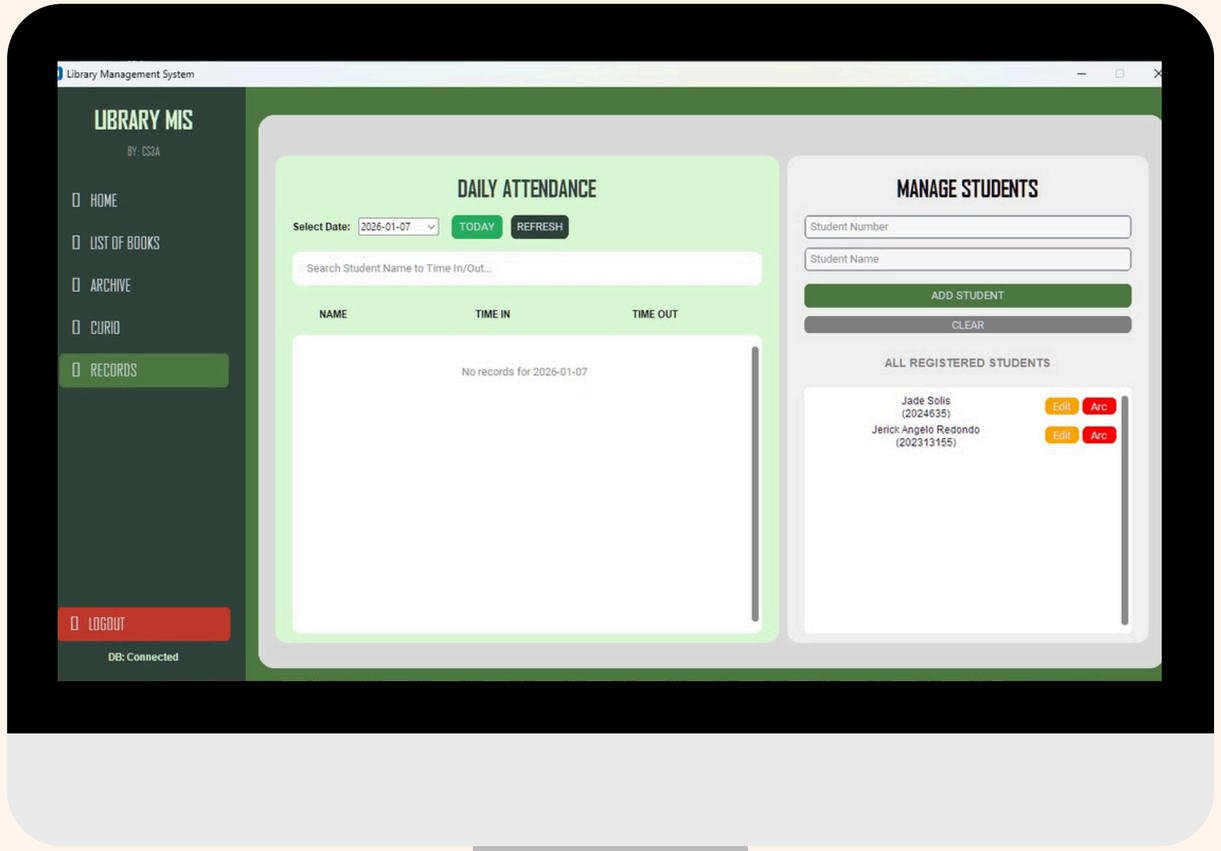

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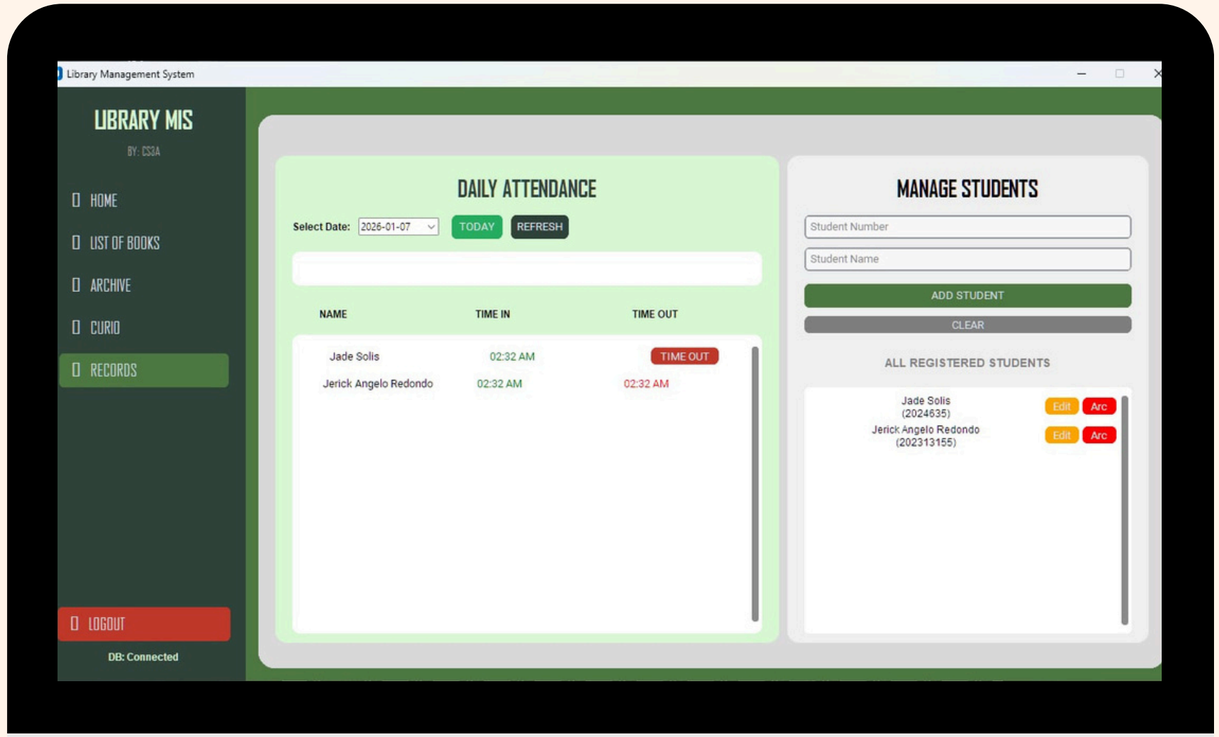

Conclusion

In conclusion, the Library Management Information System (MIS) streamlines book searches and check-in/check-out processes with features like a user-friendly interface and real-time tracking, enhancing both staff efficiency and user satisfaction. The "Curio" feature adds engaging announcement, event and trivia, making the library experience more interactive and encouraging exploration.

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THANK YOU!