

LIBRARY MANAGEMENT SYSTEM

Github Link: <https://github.com/serahmichaels/LMS>

Video Demo:

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INFO-C450

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KEY FEATURES

1. User Management

Library card holders can create their account and obtain a library card number.

2. Catalog Management

In this program, you can view your full catalog, add, and edit titles.

3. Reservation System

Library card holders can reserve titles from the catalog in this program using their library card number.

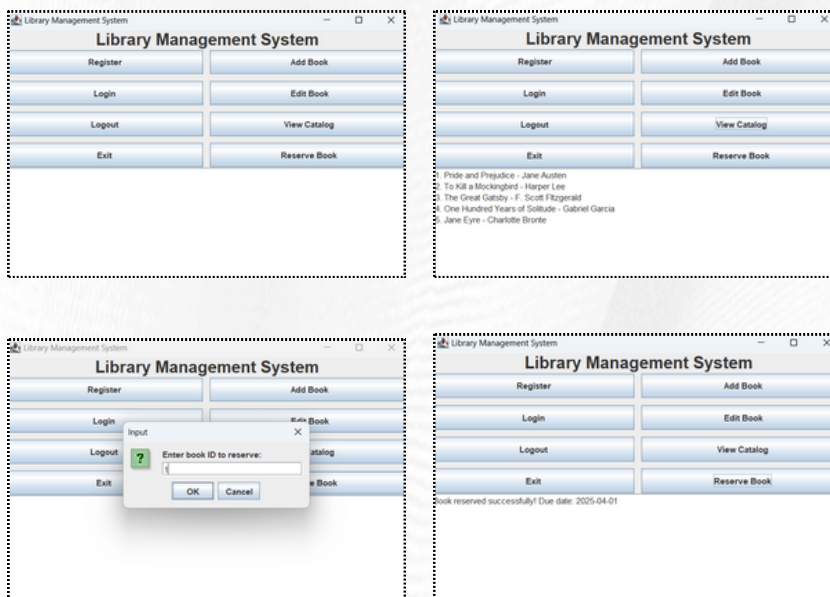
4. Database Connection

All items in the catalog and user information is stored in a SQL database to ensure that title reservations and library card information is retained.

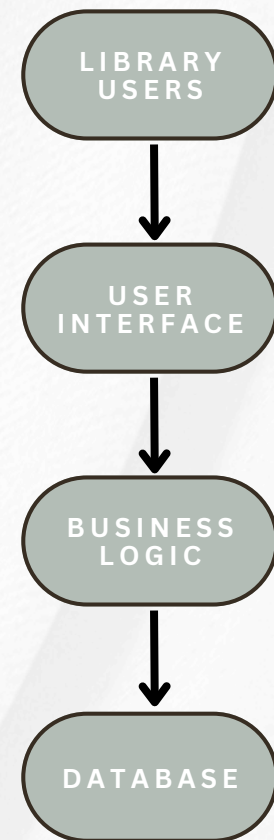
5. Friendly User Interface

An organized and easy to use interface allows library card holders to easily access the library's catalog and reserve titles.

SCREENSHOTS



ARCHITECTURE OVERVIEW



SYSTEM REQUIREMENTS

SOFTWARE

- JDK 11.0 or later
- MySQL 8.0 or later
- JDBC Driver

HARDWARE

- RAM: 4gb minimum
- Any CPU