LIBRARY MANAGEMENT SYSTEM

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Github Link: https://github.com/serahmichaels/library-management-system
Video Demo:https://iu.mediaspace.kaltura.com/media/t/1_xw17l2fb

KEY FEATURES

1. User Management
Library card holders can create their account and obtain a library card number. They can view their profile and manage their current reservations.

2. Catalog Management
In this program, you can view your full catalog, add, edit, and remove titles.

3. Reservation System
Library card holders can reserve titles from the catalog in this program using their library card number.
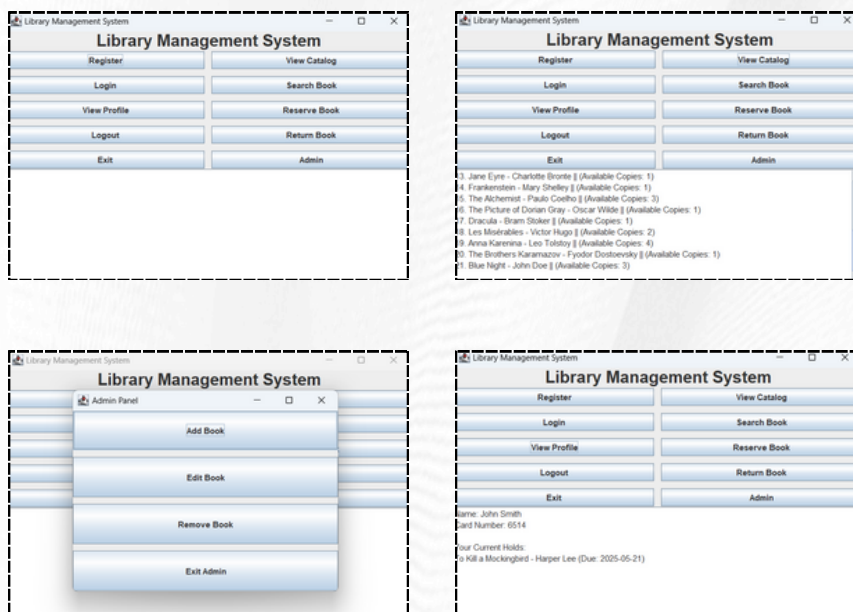
4. Database Connection
All items in the catalog and user information is stored in a SQL database to ensure that title reservations and library card information is retained.
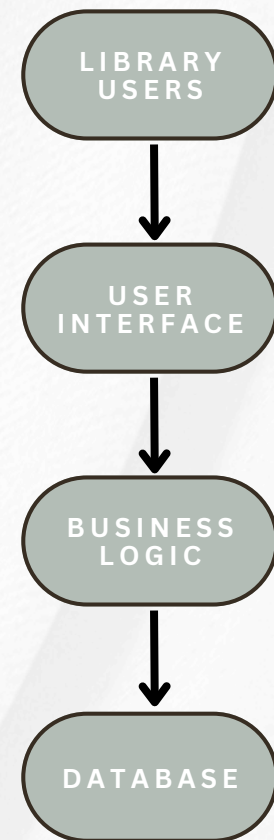
5. Friendly User Interface
An organized and easy to use interface allows library card holders to easily access the library's catalog and reserve titles.

SCREENSHOTS

ARCHITECTURE OVERVIEW

- LIBRARY USERS
- USER INTERFACE
- BUSINESS LOGIC
- DATABASE

SYSTEM REQUIREMENTS

SOFTWARE

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

HARDWARE

- RAM: 4gb minimum
- Any CPU