

Library Management System Wireframes

This document presents the wireframes for the core functionalities of the Library Management System (LMS), covering both user and librarian perspectives. A total of eight key screens are detailed to fulfill the assignment requirements.

1. Home/Dashboard (User/Librarian)

This screen serves as the primary entry point, providing tailored access and information based on the user's role.

Component	User View	Librarian View
Header	Logo, Global Search Bar, User Profile/Login	Logo, Global Search Bar, User Profile/Logout
Navigation	Home, My Account, Browse Books, Contact Us	Home, Manage Books, Manage Users, Fines/Overdue, Reports
Main Content	Welcome Message , Quick Search, Featured Books (e.g., New Arrivals, Popular), Recently Added Books.	Dashboard Statistics (e.g., Books Borrowed Today, Overdue Books Count, New Members), Quick Links to core librarian functions (Checkout, Return).

2. Book Search and Listing

The main interface for users to discover and browse the library's collection.

Component	Description
Search Bar	Prominent search input with options to search by Title, Author, Genre, or ISBN.
Filter/Sort	Sidebar or top bar controls for refining results by: Genre , Availability Status , Publication Year, and Sort by Title, Author, or Date Added.
Book List	A grid or list view displaying: Book Cover , Title , Author , and a brief Availability Status .
Pagination	Controls to navigate through multiple pages of search results.

3. Book Details/Information

Provides comprehensive information about a selected book and options for interaction.

Component	Description
Visuals	Large Book Cover Image.
Core Info	Title , Author , ISBN , Publication Date, Publisher, and a detailed Description/Summary .
Status	Availability Status (Available/Checked Out/On Hold), Total Copies, Available Copies, and the expected Due Date if all copies are checked out.
Actions	" Borrow " (if available), " Place Hold " (if all copies are out), or " Add to Wishlist " buttons.

4. User Profile/My Account

Allows the user to manage their personal library interactions.

Component	Description
User Info	User's Name, Member ID, Contact Details, and Membership Status.
Borrowed Books	A list of all books currently checked out, showing the Book Title , Due Date , and a "Renew" option.
Fines Section	A clear display of any outstanding fines, the reason for the fine, and a "Pay Fine" button.
History	A record of all previously borrowed and returned books.

5. Book Checkout/Borrowing (Librarian View)

A dedicated screen for librarians to process book loans.

Component	Description
User Identification	Input field to search for a user by Member ID or Name. Displays user details and borrowing eligibility upon selection.
Book Identification	Input field to search for a book by ISBN or scan a book's barcode.
Transaction List	A list of books to be checked out in the current transaction, with a running total.
Action	"Confirm Checkout" button to finalize the transaction and update the book/user status.

6. Book Return/Check-in (Librarian View)

A dedicated screen for librarians to process book returns.

Component	Description
Book Identification	Input field to search for a book by ISBN or scan a book's barcode.
Status Check	Automatically displays the Borrower's Name and checks the Due Date .
Fine Calculation	If the book is overdue, the system automatically calculates and displays the fine amount.
Action	"Confirm Return" button to check the book back into the system.

7. Add/Edit Book (Librarian/Admin View)

Used for managing the library's catalog.

Component	Description
Form Fields	Comprehensive form including: Title , Author(s) , Genre , ISBN , Publication Date, Publisher, Description , and Number of Copies .
Media	Section for Cover Image Upload .
Action	"Save Book" (for new entries) or "Update Book" (for existing entries).

8. Fine/Overdue Management (Librarian View)

A central administrative tool for handling overdue items and financial penalties.

Component	Description
Overdue List	A sortable and searchable table of all overdue books, showing: Book Title , Borrower Name , Due Date , Days Overdue , and Calculated Fine Amount .
Actions	"Mark as Paid" button next to each fine. "Send Reminder" button to notify the borrower.
Summary	Total outstanding fine amount.
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