

Business Requirements Document (BRD)

HH Library Management System (Beginner Tier)

1. Project Overview

The Library Management System is designed to provide an easy-to-use platform for managing a library's operations. The system will allow users to search for books, borrow and return books, and view overdue notifications. Administrators will have the ability to manage the book inventory.

2. Objectives

- Enable users to register, log in, and search for books.
 - Allow users to borrow and return books.
 - Provide administrative functions for managing books (create, update, delete).
 - Alert users regarding overdue books.
-

3. Stakeholders

- End Users: Library members who want to search, borrow, and return books.
 - Administrators: Library staff managing the inventory.
 - Developers: Learners building and maintaining the system.
-

4. Scope

In Scope:

- User authentication (registration & login)
- Book search functionality
- Borrowing & returning books
- Admin book management (add, update, delete books)
- Overdue notifications

Out of Scope:

- Advanced features such as multi-branch management, reservation systems, and third-party API integration are not included.
-

5. Assumptions & Constraints

- The project is for educational purposes.
 - The implementation uses MySQL 8+, Spring Boot, and React 18.
 - Data security is simplified for learning purposes.
-