

Library Management System User Guide

Introduction

Welcome to the Library Management System! This user guide will help you understand how to use the system efficiently. The Library Management System allows you to manage books, borrow and return books, and access library statistics.

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1. Getting Started

Logging In

When you launch the system, you will be prompted to log in.

If you already have an account, select "Log In."

Enter your email and password when prompted.

After successful authentication, you will be directed to the Reader or Librarian menu based on your role.

Signing Up

If you are a new user, select "Sign Up" during the login prompt.

Provide your name, email, and password.

Your role will be automatically set as a reader.

After signing up, you will be automatically logged in, and you can begin using the system as a reader.

2. Reader Menu

[Borrow a Book](#)

Choose "Borrow a Book" to borrow a book from the library.

You will see a list of available books.

Enter the book's ID that you wish to borrow and the duration for borrowing.

The system will confirm the successful borrowing and return date.

[Return a Book](#)

Select "Return a Book" to return a book you previously borrowed.

Enter the book's ISBN.

The system will handle the return process, including checking if it's overdue.

[Search for a Book by Title](#)

Choose "Search for a Book by Title."

Enter the book title you want to search for.

The system will display a list of matching books, if any.

[Search for a Book by Author](#)

Select "Search for a Book by Author."

Enter the author's name to search for books written by that author.

The system will display a list of matching books, if any.

[Exit](#)

Select "Exit" to log out and exit the system.

3. Librarian Menu

[Add a Book](#)

Choose "Add a Book" to add a new book to the library.

Enter the book's title, author, ISBN, and quantity.

[Edit a Book](#)

Select "Edit a Book" to modify book information.

Choose the book's ID that you want to edit and provide updated details.

[Delete a Book](#)

Use "Delete a Book" to remove a book from the library.

Enter the book's ID to delete it from the library.

[Generate Library Statistics](#)

Choose "Generate Library Statistics" to view various library statistics.

The system will display statistics such as the number of books, readers, borrowed books, and more.

[Search for a Book](#)

Select "Search for a Book" to search for books by title or author.

Follow the prompts to search for specific books.

[Add an Admin User](#)

Choose "Add an Admin User" to add a new librarian/admin user to the system.

Enter the admin's name, email, and password.

Admins have additional privileges to manage the library.

[Logout](#)

Select "Logout" to log out and return to the login screen.

Conclusion

With this user guide, you should be able to navigate and utilize the Library Management System effectively. If you encounter any issues or need further assistance, please reach out to your system administrator or support team. Enjoy your library experience!