User Manual

on

Library Management System

Course Module: (VLC-SCFSD10-25-0650)

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# Introduction

The Library Management System (LMS) is designed to facilitate efficient management of library resources, including books, users, and borrowing history. This system provides an interface for users to borrow and return books, while administrators can manage books and users effectively.

# User Roles & Permissions

## 2.1 LIBRARIAN

* Manage books and users
* View all transactions
* Reset user passwords

## 2.2 MEMBER

* Borrow and return books
* View their borrowing history

# System Features

## 3.1 User Registration & Authentication

### Registration

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### Login

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### Reset Password

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## 3.2 User Management

### Main User List

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### Add User

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### Search User

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## 3.3 Book Management

### Main Book List

* + Members can borrow available books
  + Borrowing details are recorded in the database

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### Add Book

* + Admin can add, update, and delete books
  + Book status is updated based on availability

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### Search Book

* + To display full book list, do not enter search criteria.

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## 3.4 Lending Management

### Main Lending list

* Users return borrowed books within the due date
* Return date is updated in the system

Book Status:

* Borrow button
  + Lending status changes to < borrowed > if < reserved >.
  + Book status change to < borrowed >.
* Return button
  + Lending status changes to < returned > if < borrowed >
  + Book status change to < available >.
* Release button
  + Lending status changes to < released > if < reserved >
  + Book status change to < available >.

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# Troubleshooting

## Common Issues

* + **Login Failure**: Ensure correct credentials are used.
  + **Book Not Available**: Check the book status before borrowing.
  + **User Cannot Borrow More Books**: Verify borrowing limits.

## Support

* + For further assistance, contact the system administrator.