

# NexLib Interactive Library Management System (ILMS) - User Manual

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## 1. Introduction

### Welcome to NexLib!

NexLib is an interactive library management system designed to enhance user experience and streamline library administration. With a focus on simplicity and efficiency, NexLib offers advanced features such as book previews, a user forum for reviews and discussions, and detailed author information.

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## 2. Vision & Mission

### Vision:

To revolutionize the library experience by making it as simple and convenient as possible, empowering readers to engage with the books they love, whenever and wherever they are.

### Mission:

To create an accessible and efficient system that allows users to search, reserve, and check the availability of books in the library, all without needing to visit the library in person.

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## 3. Key Features

### 3.1 Book Search and Filtering

- Users can search for books by title or author using intuitive filters.
- Access the search functionality via the navigation bar or the library page.
- Results can be sorted in ascending or descending order.

### 3.2 Book Previews

- Preview the first few pages of a book before deciding to borrow it.
- This helps users make informed borrowing decisions.

### 3.3 User Reviews

- Members can write and share reviews on books they have read.
- Reviews contribute to the community's knowledge and help others make better choices.

### 3.4 Book Forum

- Participate in broader discussions about books, categories, and literary topics.
- Engage with other users in a community-driven environment.

### 3.5 Create an Account

- Apply for library membership through a straightforward registration process.
- Provide essential details like full name, National Identity Card number, email address, contact number, and a secure password.

### **3.6 Track Borrowed and Reserved Books**

- Maintain a list of borrowed books and the associated borrowers.
- The system automatically updates the status of reserved books once returned.

### **3.7 Pre-booking**

- Reserve books that are currently available in the library.
- If a book is already checked out, join the waiting list to be notified when it becomes available.

### **3.8 Return Date Management and Notifications**

- The system tracks book borrowing and manages return dates.
  - Notifications are sent before and after the due date to ensure timely returns.
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## **4. Administrator Features**

### **4.1 Issue a Book**

- Librarians can issue books to members for a 14-day period.
- The system updates the book's status to "Not available" once issued.

### **4.2 Cancel User Membership**

- Allows librarians to efficiently manage user accounts by terminating memberships when necessary.
- Ensures membership records are accurately maintained and up-to-date.

### **4.3 Remove a Book**

- Admins can remove outdated, damaged, or irrelevant books from the system.
- The system updates the database and removes any uploaded cover images to ensure accurate information.

### **4.4 Add a New Book**

- Admins can add new books to the library's collection.
- Essential details such as the book's title, author, ISBN, category, language, price, publisher, and number of copies are required.

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## 5. Technological Constraints

- The system is compatible with standard hardware and software.
- Ensures easy access on computers and maintains smooth operations across all supported devices.

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## 6. Security Constraints

- Robust security measures are implemented to protect user data.
- Includes encrypted communication and secure authentication processes.

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## 7. Performance Constraints

- The system is designed to handle multiple concurrent users with minimal latency.
- Ensures a smooth and responsive user experience even under heavy load.

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## 8. Support & Contact Information

For any assistance, you can contact our support team via:

- **Email:** support@NexLib.com
- **Phone:** (+94) 456-78990

Our support team is available to help you with any issues or inquiries regarding the NexLib Interactive Library Management System.

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**Thank you for choosing NexLib! We hope you enjoy a seamless and enriching library experience.**