## **Homepage**

### **Description:**

The Homepage serves as the main landing page for the Library Management System. It provides users with an overview of the system's features and a welcoming message.

### **Features:**

* Navigation Bar: Offers links to different sections of the library system, such as login, registration, book management, and more.
* Welcoming Message: Displays a welcoming message along with a brief description of the library system, inviting users to explore its features.
* Visual Content: Includes an image related to the library to enhance visual appeal and engagement.
* Information Section: Presents additional information about the library system, enticing users to learn more about its offerings.

### **Usage:**

1. Access: Navigate to the Homepage by visiting the root URL (/) in the web browser.
2. Explore Features: Utilize the navigation bar to explore different sections of the library system, such as login, registration, and book management.
3. Read Information: Read the welcoming message and additional information provided on the homepage to gain insights into the library system's purpose and offerings.

## **Registration Page**

### **Description:**

The Registration Page allows users to sign up for access to the library system by providing their personal information and creating a username and password.

### **Features:**

* Input Fields: Provides input fields for users to enter their first name, last name, email, username, and password.
* Form Submission: Utilizes a form submission mechanism to send user registration details securely to the server.
* Validation: Enforces required field validation to ensure that all necessary information is provided before submission.

### **Usage:**

1. Access: Navigate to the Registration Page by entering its URL in the web browser.
2. Enter Details: Fill out the registration form by entering your first name, last name, email, username, and password into the respective input fields.
3. Submission: Click the "Register" button to submit the form and create a new user account.
4. Validation: Ensure that all required fields are filled out correctly. Any missing or incorrectly entered information will trigger validation errors.

## **Login Page**

### **Description:**

The Login Page allows users to authenticate themselves by entering their username and password. It serves as the entry point for accessing the library management system.

### **Features:**

* Input Fields: Provides input fields for entering the username and password.
* Form Submission: Utilizes a form submission mechanism to send user credentials securely to the server for authentication.
* Validation: Enforces required field validation to ensure that both username and password are provided before submission.

### 

### **Usage:**

1. Access: Navigate to the Login Page by entering its URL in the web browser.
2. Enter Credentials: Input your username and password into the respective fields.
3. Submission: Click the "Login" button to submit the form and authenticate yourself.
4. Authentication: Upon submission, the entered credentials are sent to the server for authentication. If valid, the user is granted access to the system.

## **Manage Section**

### **Description:**

The Manage Section provides functionality for managing books within the library system. It includes features such as adding new books, marking books as checked out, and managing book availability.

### **Features:**

* Add New Book: Allows librarians to add new books to the library system by providing details such as title, author, and language.
* Mark Book as Checked Out: Enables librarians to mark books as checked out by specifying the book ID and borrower name.
* Manage Book Availability: Displays a table for managing the availability of books, indicating whether each book is currently available for checkout.

### **Usage:**

1. Add New Book:
   * Enter the title, author, and language of the book into the respective input fields.
   * Click the "Add Book" button to add the book to the library system.
2. Mark Book as Checked Out:
   * Enter the book ID and borrower name into the respective input fields.
   * Click the "Mark as Checked Out" button to update the book's status.
3. Manage Book Availability:
   * View the table displaying the title, author, and availability status of each book.
   * Books marked as "Yes" are available, while those marked as "No" are currently checked out.