Library Management System – Web Pages Report

1. Introduction

This report describes the development of the **Sign Up** and **Login** web pages for a **Library Management System**. These pages are built using **HTML** and **CSS** to create a responsive, modern, and user-friendly interface. The system allows students to create accounts, log in, and access the digital library.

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2. Objective

The main objectives of these web pages are:

1. To provide a **Sign Up page** for new users to register.
2. To provide a **Login page** for existing users to access their accounts.
3. To design a **responsive layout** that works on desktops, tablets, and mobile devices.
4. To implement **user-friendly forms** with clear input fields and visual feedback.

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3. Tools and Technologies Used

- **HTML5**: To structure the web pages.
- **CSS3**: For styling, layouts, and responsive design.
- **Web Browser**: To test and view the pages (e.g., Chrome, Edge).
- **Text Editor**: To write the code (e.g., VS Code, Sublime Text).

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4. Sign Up Page

4.1 Purpose

The Sign Up page allows students to create an account to:

- Borrow books.
- Manage reading history.
- Access the digital library.

4.2 Structure

The page is divided into **two main sections**:

1. **Left Panel (Information Section)**
    - Displays a heading: *"Join Our Library"*.
    - Provides a description of the system's benefits.
    - Styled with a gradient background and white text.
2. **Right Panel (Form Section)**
    - Contains the Sign Up form with the following fields:
        - Full Name
        - Student ID
        - Email
        - Password
        - Confirm Password
        - Terms and Conditions Checkbox
    - Includes a **Sign Up button** and a **Login link** for existing users.

4.3 Design Features

- Modern and clean layout using **flexbox**.
- Responsive design using **media queries** for mobile devices.
- Input focus effects with **box-shadow** and border highlight.
- Gradient buttons with hover effects for better user interaction.

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5. Login Page

5.1 Purpose

The Login page allows registered users to access their accounts to:

- Borrow books.
- Check borrowing history.
- Explore the library's digital resources.

5.2 Structure

The page is divided into **two main sections**:

1. **Left Panel (Information Section)**
    - Displays a heading: *"Library Management System"*.
    - Provides a description of the system.
    - Styled with a gradient background and white text.
2. **Right Panel (Form Section)**
    - Contains the Login form with the following fields:
        - Student ID or Email
        - Password
        - Remember Me checkbox
        - Forgot Password link
    - Includes a **Login button**.
    - Footer text displaying copyright information.

5.3 Design Features

- Responsive layout for desktop and mobile devices.
- Clear input fields with focus styling.
- Flexbox used for layout structure.
- Gradient buttons with hover effects for better interaction.

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6. CSS Styling Highlights

Some important styling techniques used in both pages:

1. **Flexbox Layouts**
    - .signup-wrapper and .login-wrapper use display: flex for horizontal alignment.
2. **Gradient Backgrounds**
    - Linear gradients applied to panels and buttons for a modern look.

3. **Responsive Design**
    - Media queries adjust layout for screens smaller than 768px.
4. **Input Styling**
    - Rounded corners, padding, and focus effects improve usability.
5. **Buttons**
    - Gradient backgrounds, hover transform, and box-shadow for interactivity.

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7. Responsiveness

Both pages are responsive, ensuring that:

- On smaller screens, the two-panel layout changes to **vertical stacking**.
- Text alignment and padding are adjusted for mobile view.
- All input fields and buttons remain fully functional and visually appealing on different devices.

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8. Conclusion

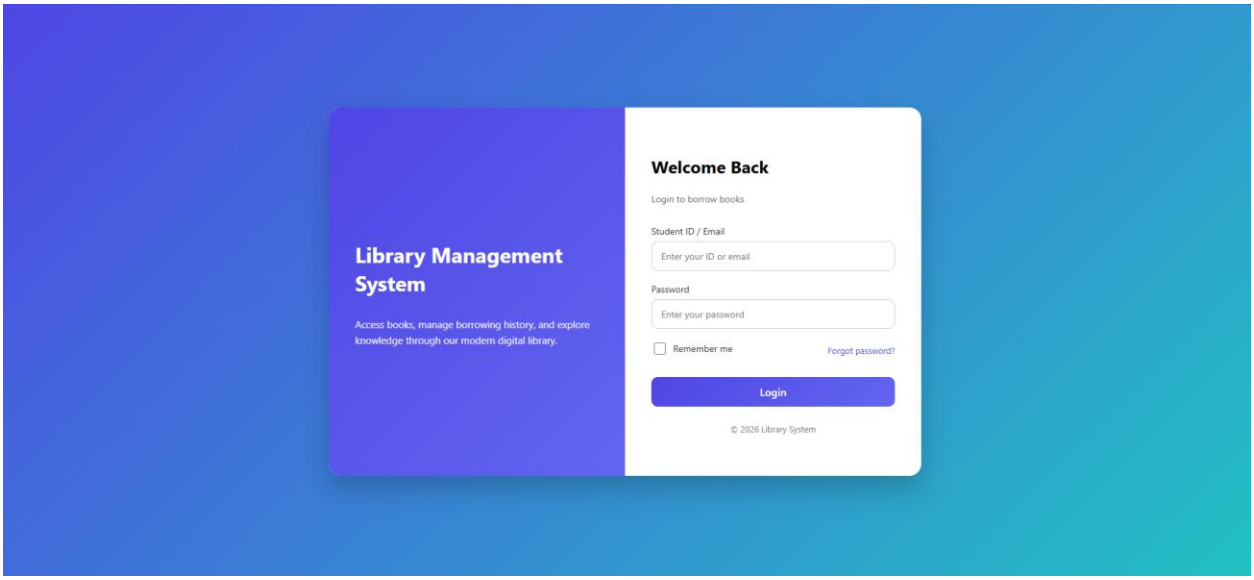
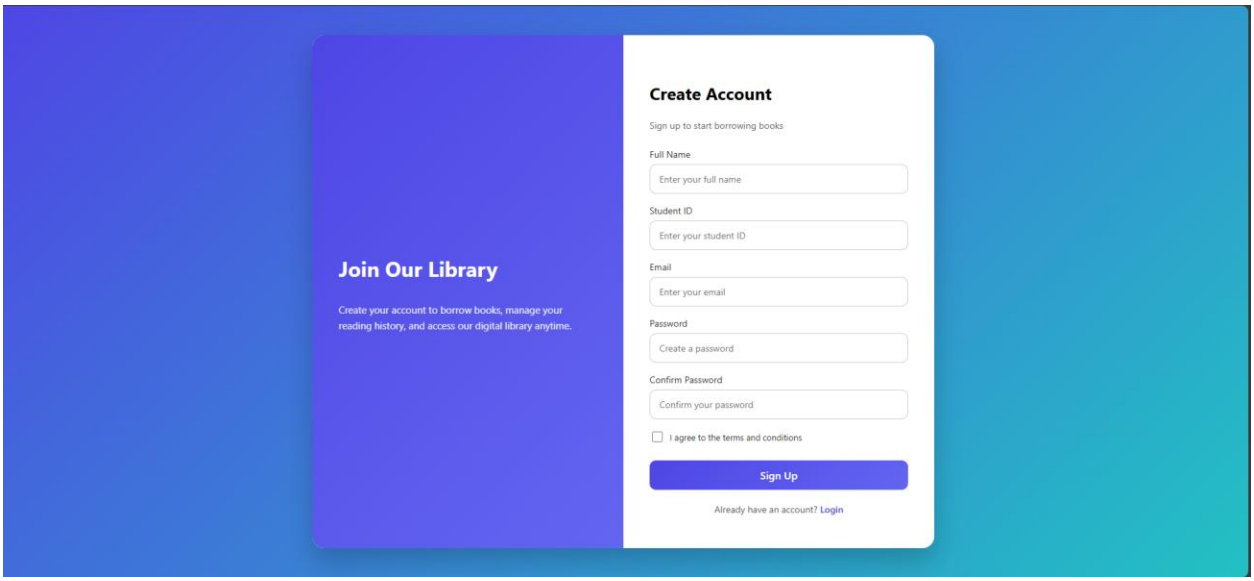
The Sign Up and Login pages for the Library Management System are successfully designed to provide:

- User-friendly forms for registration and login.
- Attractive, modern design with gradient effects.
- Responsive layout for all devices.
- Clear instructions for new and existing users.

These pages form a fundamental part of the Library Management System, ensuring students can easily create accounts and access library resources.

Optional: 9. Screenshots

+Login Page



+Signup Page