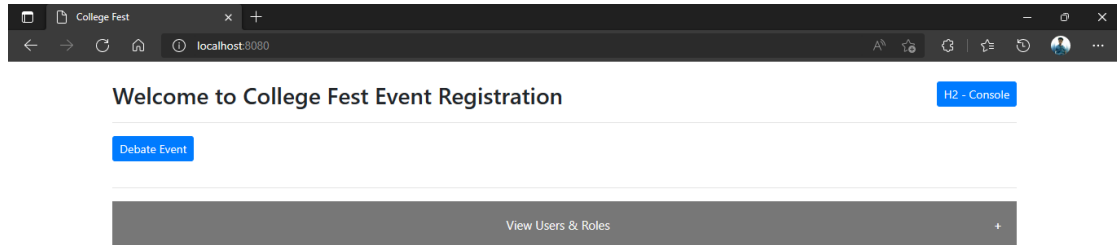


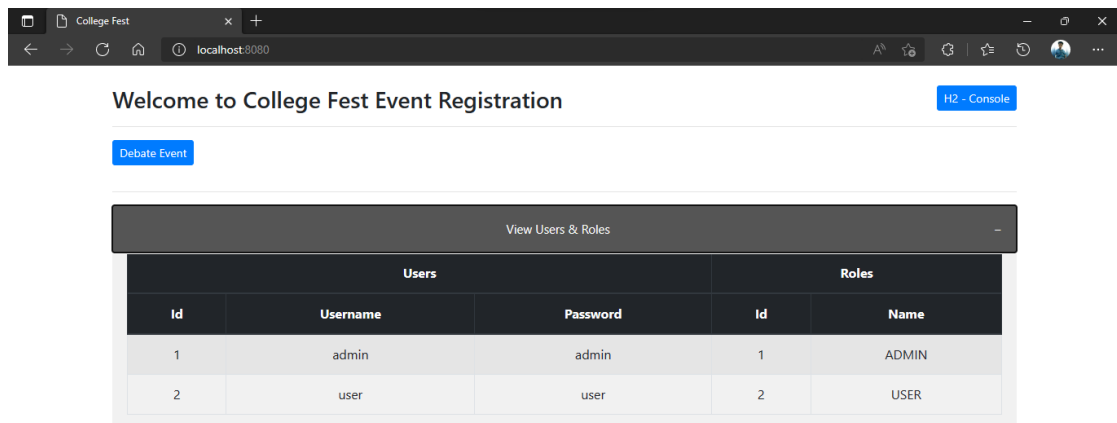
# Lab Spring Assignment Solution

## 1. Home Page - <http://localhost:8080/>

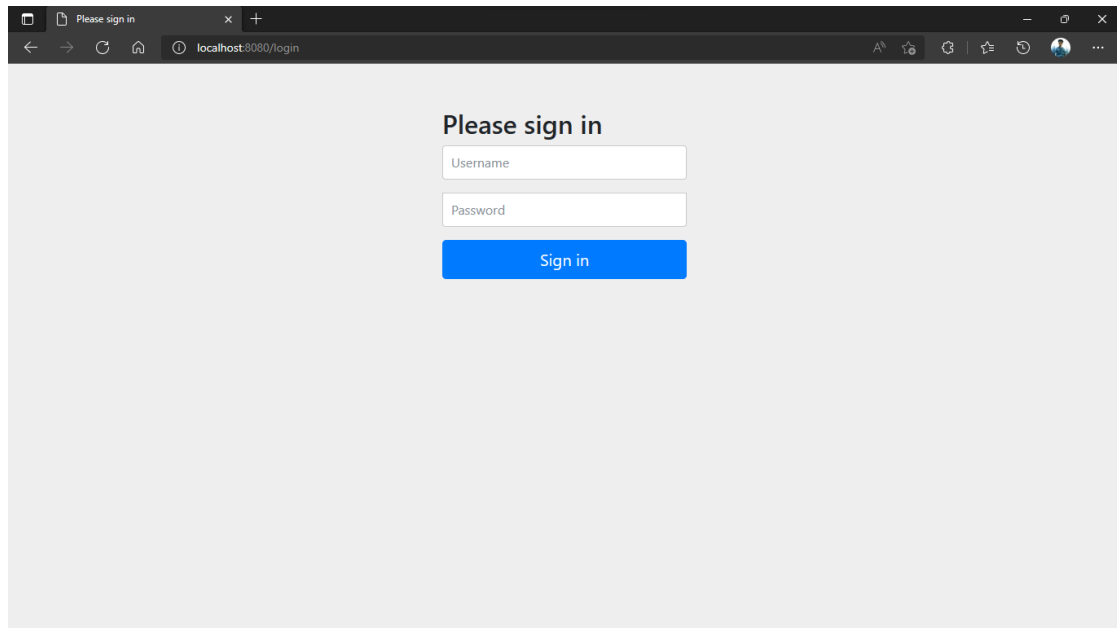


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## Users & Roles

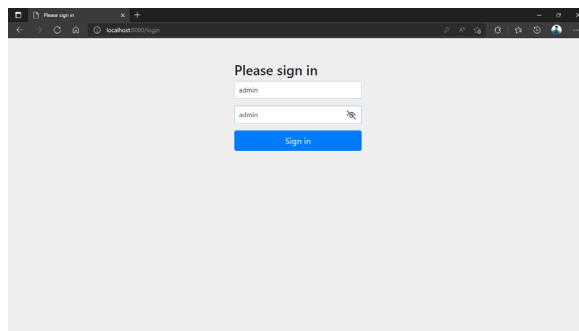


## 2. Login Page - <http://localhost:8080/login/>



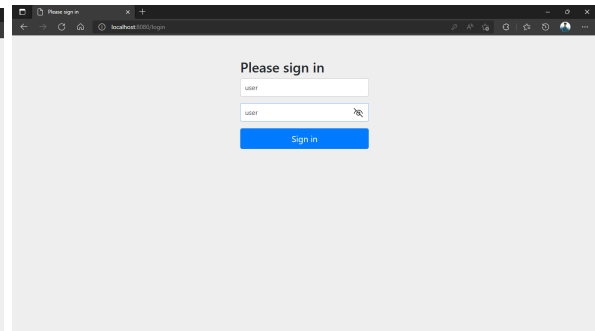
A screenshot of a web browser window showing a login page. The browser's address bar displays 'localhost:8080/login'. The page has a light gray background and a white box in the center containing the text 'Please sign in'. Below this text are two input fields: 'Username' and 'Password'. A blue button labeled 'Sign in' is positioned below the password field.

### Admin Login



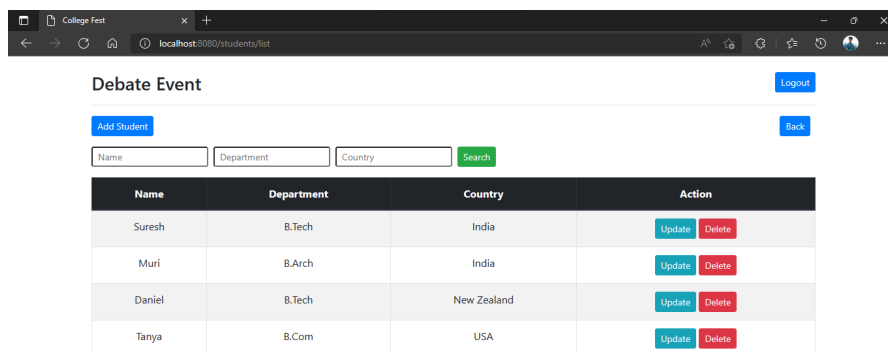
A screenshot of the login page with the 'Username' field filled with 'admin' and the 'Password' field filled with 'admin'. The 'Sign in' button is highlighted.

### User Login



A screenshot of the login page with the 'Username' field filled with 'user' and the 'Password' field filled with 'user'. The 'Sign in' button is highlighted.

## 3. List Page (CRUD Operations) - <http://localhost:8080/students/list/>



A screenshot of a web browser window showing a list page titled 'Debate Event'. The browser's address bar displays 'localhost:8080/students/list'. The page has a light gray background. At the top right, there is a blue 'Logout' button. Below the title, there is a blue 'Add Student' button and a blue 'Back' button. Below these buttons, there are three input fields: 'Name', 'Department', and 'Country', followed by a green 'Search' button. Below the search fields is a table with four columns: 'Name', 'Department', 'Country', and 'Action'. The table contains four rows of data.

Name	Department	Country	Action
Suresh	B.Tech	India	<a href="#">Update</a> <a href="#">Delete</a>
Muri	B.Arch	India	<a href="#">Update</a> <a href="#">Delete</a>
Daniel	B.Tech	New Zealand	<a href="#">Update</a> <a href="#">Delete</a>
Tanya	B.Com	USA	<a href="#">Update</a> <a href="#">Delete</a>

## 4. Admin Operations

### Add

Debate Event [Logout](#)

[Add Student](#) [Back](#)

Name

Department

Country

[Save](#)

### Add - Fill

Debate Event [Logout](#)

[Add Student](#) [Back](#)

Name

Department

Country

[Save](#)

### Add - Save

Debate Event [Logout](#)

[Add Student](#) [Back](#)

Name  Department  Country  [Save](#)

Name	Department	Country	Action
Suresh	B.Tech	India	<a href="#">Update</a> <a href="#">Delete</a>
Muri	B.Arch	India	<a href="#">Update</a> <a href="#">Delete</a>
Daniel	B.Tech	New Zealand	<a href="#">Update</a> <a href="#">Delete</a>
Tanya	B.Com	USA	<a href="#">Update</a> <a href="#">Delete</a>
Anubhar	IT	India	<a href="#">Update</a> <a href="#">Delete</a>

### Update

Debate Event [Logout](#)

[Add Student](#) [Back](#)

Name

Department

Country

[Save](#)

### Update - Fill

Debate Event [Logout](#)

[Add Student](#) [Back](#)

Name

Department

Country

[Save](#)

### Update - Save

Debate Event [Logout](#)

[Add Student](#) [Back](#)

Name  Department  Country  [Save](#)

Name	Department	Country	Action
Suresh	B.Tech	India	<a href="#">Update</a> <a href="#">Delete</a>
Muri	B.Arch	India	<a href="#">Update</a> <a href="#">Delete</a>
Daniel	B.Tech	New Zealand	<a href="#">Update</a> <a href="#">Delete</a>
Tanya	B.Com	USA	<a href="#">Update</a> <a href="#">Delete</a>
Anubhar Chaturvedi	B.Tech	USA	<a href="#">Update</a> <a href="#">Delete</a>

### Delete

Debate Event [Logout](#)

[Add Student](#) [Back](#)

Name  Department  Country  [Save](#)

Are you sure you want to delete this student? [OK](#) [Cancel](#)

Name	Department	Country	Action
Suresh	B.Tech	India	<a href="#">Update</a> <a href="#">Delete</a>
Muri	B.Arch	India	<a href="#">Update</a> <a href="#">Delete</a>
Daniel	B.Tech	New Zealand	<a href="#">Update</a> <a href="#">Delete</a>
Tanya	B.Com	USA	<a href="#">Update</a> <a href="#">Delete</a>
Anubhar Chaturvedi	B.Tech	USA	<a href="#">Update</a> <a href="#">Delete</a>

### Deleted

Debate Event [Logout](#)

[Add Student](#) [Back](#)

Name  Department  Country  [Save](#)

Name	Department	Country	Action
Suresh	B.Tech	India	<a href="#">Update</a> <a href="#">Delete</a>
Muri	B.Arch	India	<a href="#">Update</a> <a href="#">Delete</a>
Daniel	B.Tech	New Zealand	<a href="#">Update</a> <a href="#">Delete</a>
Tanya	B.Com	USA	<a href="#">Update</a> <a href="#">Delete</a>

## 5. User Operations

### Add

Debate Event

Student

Name

Department

Country

Save

### Fill

Debate Event

Student

Anubhav

IT

India

Save

### Save

Debate Event

Student

Name

Department

Country

Save

Name	Department	Country	Action
Suresh	B.Tech	India	<a href="#">Update</a> <a href="#">Delete</a>
Muri	B.Arch	India	<a href="#">Update</a> <a href="#">Delete</a>
Daniel	B.Tech	New Zealand	<a href="#">Update</a> <a href="#">Delete</a>
Tanya	B.Com	USA	<a href="#">Update</a> <a href="#">Delete</a>
Anubhav	IT	India	<a href="#">Update</a> <a href="#">Delete</a>

### Update (Access Denied for User)

Debate Event

Student

Anubhav

IT

India

Save

HTTP Status 403 - Access is denied

Hi user, you do not have permission to access this page!

### Delete

Debate Event

Student

Name

Department

Country

Save

Are you sure you want to delete this student?

OK Cancel

Name	Department	Country	Action
Suresh	B.Tech	India	<a href="#">Update</a> <a href="#">Delete</a>
Muri	B.Arch	India	<a href="#">Update</a> <a href="#">Delete</a>
Daniel	B.Tech	New Zealand	<a href="#">Update</a> <a href="#">Delete</a>
Tanya	B.Com	USA	<a href="#">Update</a> <a href="#">Delete</a>
Anubhav	IT	India	<a href="#">Update</a> <a href="#">Delete</a>

### Delete (Access Denied for User)

Debate Event

Student

Anubhav

IT

India

Save

HTTP Status 403 - Access is denied

Hi user, you do not have permission to access this page!