LAB – 6 – REST API
Student Management

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Login Username and Password –

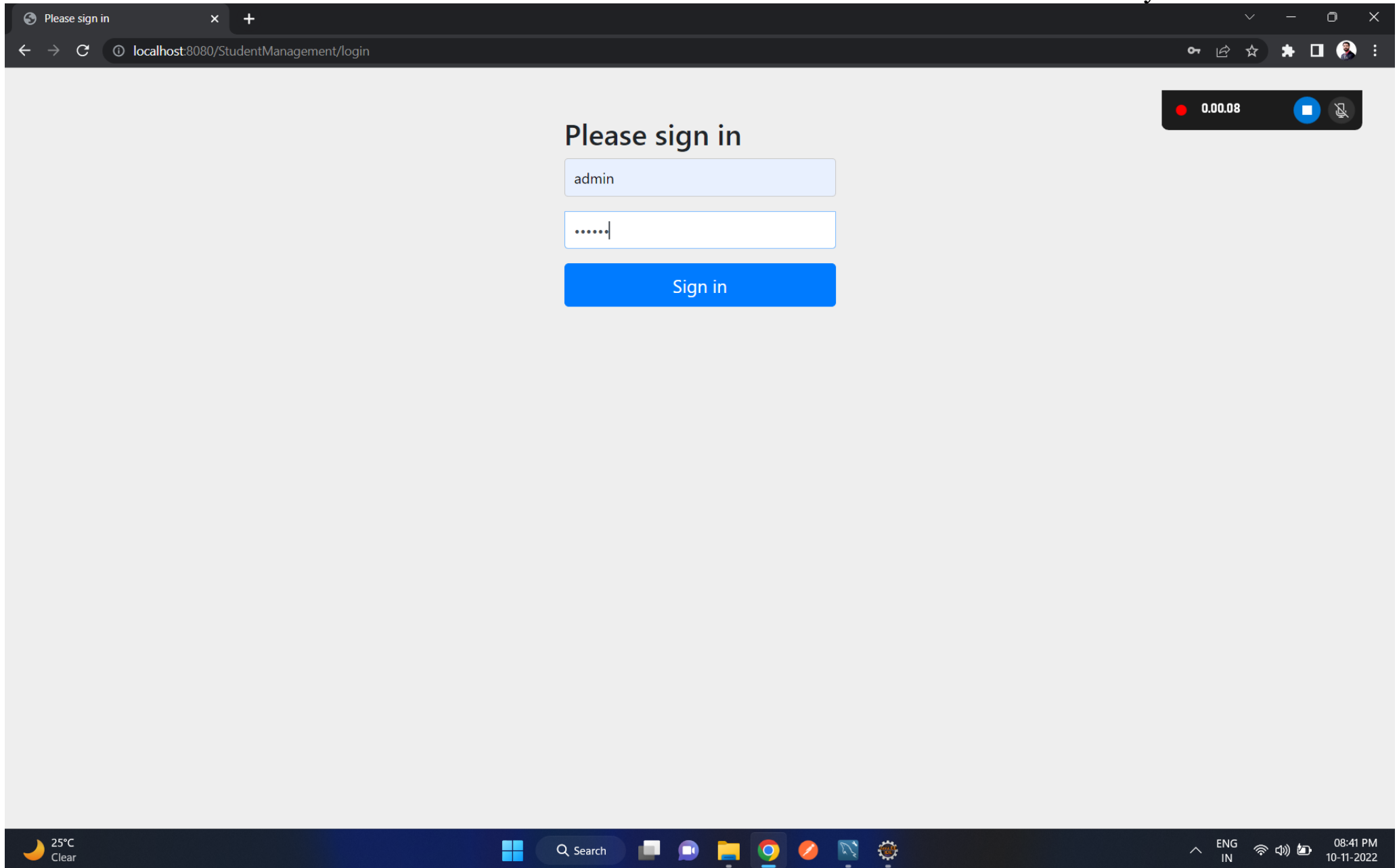| Username	Password
admin	rajesh
user	patil

Student Management Project Video Link –

https://drive.google.com/file/d/1DXvsbOKTFeO2580wi8Pa9Nwn3DGGTot0/view?usp=share_link
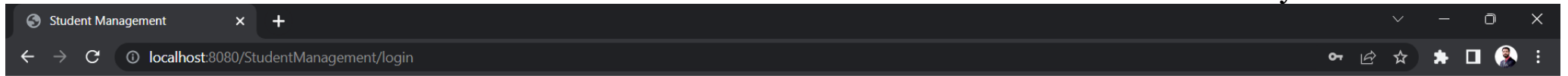
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Student Management

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Students Management
Indian Institute Of Technology - Roorkee

Students Directory
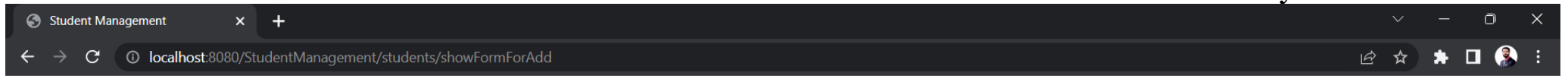
Add Student | **Student List** **Logout**

Student Id	First Name	Last Name	Course	Country	Action
1	Suresh	Reddy	B.Tech	India	Update | Delete
2	Murali	Mohan	B.Arch	Canada	Update | Delete
3	Daniel	Denson	B.Tech	New Zealand	Update | Delete
4	Tanya	Gupta	B.Com	USA	Update | Delete
6	Pradeep	Sangwan	B.E.	Canada	Update | Delete

localhost:8080/StudentManagement/students/showFormForAdd

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Student Management

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Student Management

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Students Management
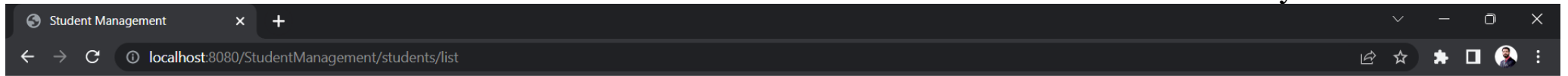### Indian Institute Of Technology - Roorkee
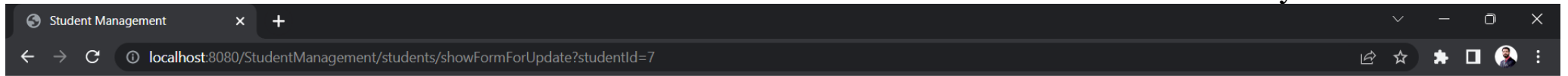
Students Directory

Add Student | **Student List**   **Logout**

Student Id	First Name	Last Name	Course	Country	Action
1	Suresh	Reddy	B.Tech	India	Update | Delete
2	Murali	Mohan	B.Arch	Canada	Update | Delete
3	Daniel	Denson	B.Tech	New Zealand	Update | Delete
4	Tanya	Gupta	B.Com	USA	Update | Delete
6	Pradeep	Sangwan	B.E.	Canada	Update | Delete
7	Samarth	Mahajan	B.Tech	India	Update | Delete

localhost:8080/StudentManagement/students/showFormForUpdate?studentId=7

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localhost:8080 says

Are you sure you want to delete this customer?

OK   Cancel

Indian Institute Of Technology - Roorkee

Students Directory

👤 Add Student   📖 Student List   ➡ Logout

Student Id	First Name	Last Name	Course	Country	Action
1	Suresh	Reddy	B.Tech	India	✏ Update | 🗑 Delete
2	Murali	Mohan	B.Arch	Canada	✏ Update | 🗑 Delete
3	Daniel	Denson	B.Tech	New Zealand	✏ Update | 🗑 Delete
4	Tanya	Gupta	B.Com	USA	✏ Update | 🗑 Delete
6	Pradeep	Sangwan	B.E.	Canada	✏ Update | 🗑 Delete
7	Samarth	Nagrale	B.Tech	India	✏ Update | 🗑 Delete

localhost:8080/StudentManagement/students/delete?studentId=7

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Student Management — localhost:8080/StudentManagement/students/list

Students Management
Indian Institute Of Technology - Roorkee

Students Directory

[Add Student] [Student List]   [Logout]

Student Id	First Name	Last Name	Course	Country	Action
1	Suresh	Reddy	B.Tech	India	Update | Delete
2	Murali	Mohan	B.Arch	Canada	Update | Delete
3	Daniel	Denson	B.Tech	New Zealand	Update | Delete
4	Tanya	Gupta	B.Com	USA	Update | Delete
6	Pradeep	Sangwan	B.E.	Canada	Update | Delete

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Student Management

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Students Management
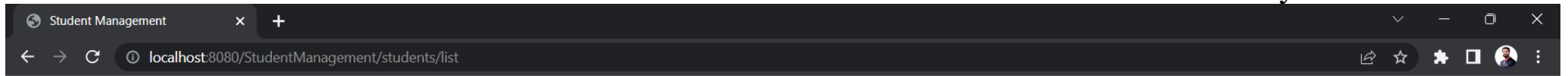## Indian Institute Of Technology - Roorkee

Students Directory

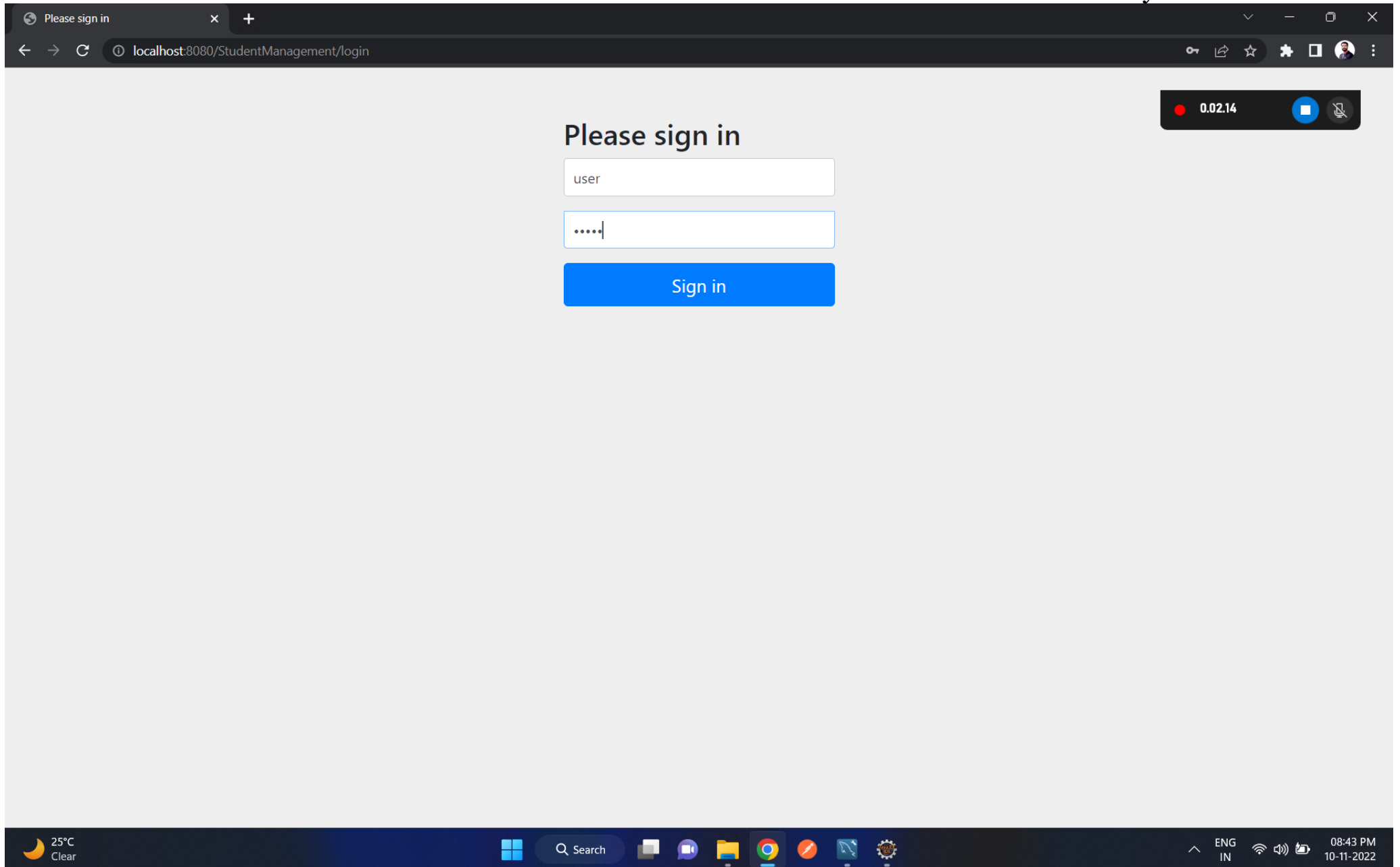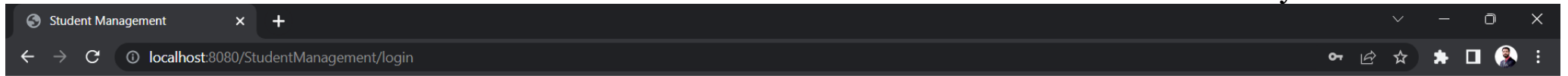| Student Id	First Name	Last Name	Course	Country	Action
1	Suresh	Reddy	B.Tech	India	Update | Delete
2	Murali	Mohan	B.Arch	Canada	Update | Delete
3	Daniel	Denson	B.Tech	New Zealand	Update | Delete
4	Tanya	Gupta	B.Com	USA	Update | Delete
6	Pradeep	Sangwan	B.E.	Canada	Update | Delete

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Students Management
Indian Institute Of Technology - Roorkee

Students Directory

Add Student | **Student List**　　　　　　　　　　　　　　　　**Logout**

Student Id	First Name	Last Name	Course	Country	Action
1	Suresh	Reddy	B.Tech	India	Update | Delete
2	Murali	Mohan	B.Arch	Canada	Update | Delete
3	Daniel	Denson	B.Tech	New Zealand	Update | Delete
4	Tanya	Gupta	B.Com	USA	Update | Delete
6	Pradeep	Sangwan	B.E.	Canada	Update | Delete

localhost:8080/StudentManagement/students/showFormForAdd

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Student Management

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Students Directory

[Student List]   [Logout]

Student Form

Pranav

Sanas
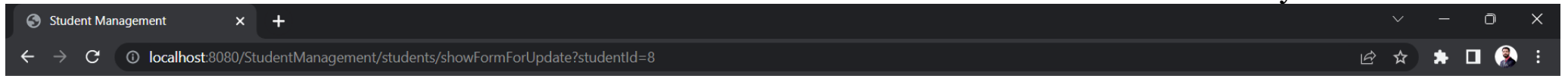
B.Arch

Germany

[Save]   [Reset]

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Students Management
Indian Institute Of Technology - Roorkee

Students Directory

Add Student | **Student List**

Logout

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1	Suresh	Reddy	B.Tech	India	Update | Delete
2	Murali	Mohan	B.Arch	Canada	Update | Delete
3	Daniel	Denson	B.Tech	New Zealand	Update | Delete
4	Tanya	Gupta	B.Com	USA	Update | Delete
6	Pradeep	Sangwan	B.E.	Canada	Update | Delete
8	Pranav	Sanas	B.Arch	Germany	Update | Delete

Students Management

Indian Institute Of Technology - Roorkee

Students Directory

HTTP Status 403 - Access is denied..

Hi user, you don't have access to perform this operation..

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```sql
1   drop database student_management;
2   create database student_management;
3   use student_management;
4
5
6   insert into users (user_id,password, username) values (1,'$2a$15$87ZyZrg37tqCz20Z9b6QjeNtBm55zqXFVqSmfrkioYaq7Bjw7qai6', 'admin');
7   insert into users (user_id,password, username) values (2,'$2a$15$Su1lrxlFLbkrKdUhaUfew.IqWNxOnvaLMDdBYbhbt7Rzg7mxkUmnK', 'user');
8
9   insert into roles (role_id,name) values(1,'ADMIN');
10  insert into roles (role_id,name) values(2,'USER');
11
12  insert into users_roles (user_id, role_id) values (1, 1);
13  insert into users_roles (user_id, role_id) values (2, 2);
```