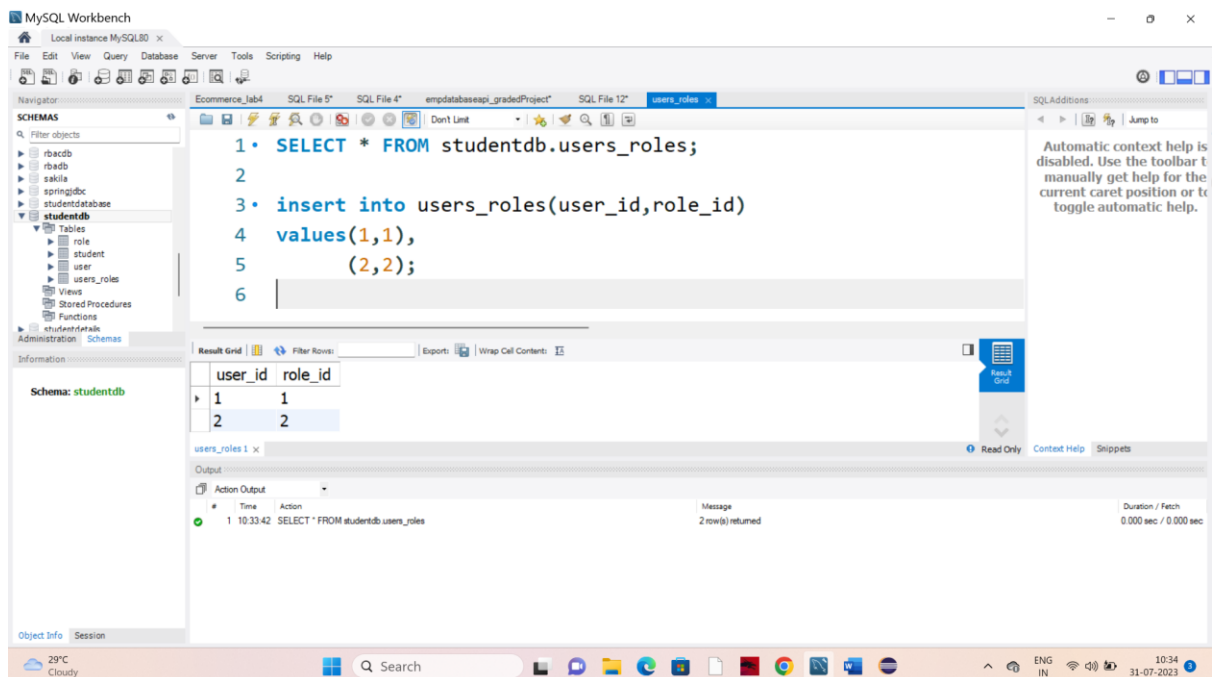


Student Debate Event Lab-6

Problem Statement: In College fest, Students want to take registrations for a Debate event and want to keep track of student details based on the course. Help the students to create a table with the help of Spring, MVC, Hibernate ORM to perform CRUD operations on the table.

- IDE – Eclipse- Project Name – “StudentDebateManagement”
- Dynamic Web Project
- Language – Java
- Database – MySQL
- Database name – “studentdb”

1. TABLE- users_roles :-



The screenshot displays the MySQL Workbench interface. The left sidebar shows the 'SCHEMAS' tree with 'studentdb' selected. The main editor window contains the following SQL queries:

```
1 • SELECT * FROM studentdb.users_roles;
2
3 • insert into users_roles(user_id,role_id)
4 values(1,1),
5       (2,2);
6
```

Below the queries, the 'Result Grid' shows the data returned by the first query:

user_id	role_id
1	1
2	2

The 'Output' pane at the bottom shows the execution details for the first query:

#	Time	Action	Message	Duration / Fetch
1	10:33:42	SELECT * FROM studentdb.users_roles	2 row(s) returned	0.000 sec / 0.000 sec

2. Table – user :-

MySQL Workbench interface showing the 'user' table in the 'studentdb' schema. The table structure is as follows:

user_id	password	username
1	\$2a\$12...	admin
2	\$2a\$12...	user

The SQL query executed is: `1. SELECT * FROM studentdb.user;`

The Output pane shows the execution log:

Action	Time	Message	Duration / Fetch
Apply changes to studentdb	5 23:28:36	No changes detected	0.000 sec / 0.000 sec
SELECT * FROM studentdb.users_roles	6 23:29:19	0 row(s) returned	0.000 sec / 0.000 sec
Insert into users_roles(user_id,role_id) values(1,1), (2,2)	7 23:29:40	Error Code: 1452 Cannot add or update a child row: a foreign key constraint fails (studentdb: 'users_roles', ...	0.031 sec
SELECT * FROM studentdb.role	8 23:29:47	0 row(s) returned	0.000 sec / 0.000 sec
SELECT * FROM studentdb.user	9 23:31:01	0 row(s) returned	0.000 sec / 0.000 sec
Insert into users_roles(user_id,role_id) values(1,1), (2,2)	10 23:34:15	2 row(s) affected Records: 2 Duplicates: 0 Warnings: 0	0.000 sec
SELECT * FROM studentdb.users_roles	11 23:34:19	2 row(s) returned	0.000 sec / 0.000 sec

3. Table – role :-

MySQL Workbench interface showing the 'role' table in the 'studentdb' schema. The table structure is as follows:

role_id	name
1	ADMIN
2	USER

The SQL query executed is: `1. SELECT * FROM studentdb.role;`

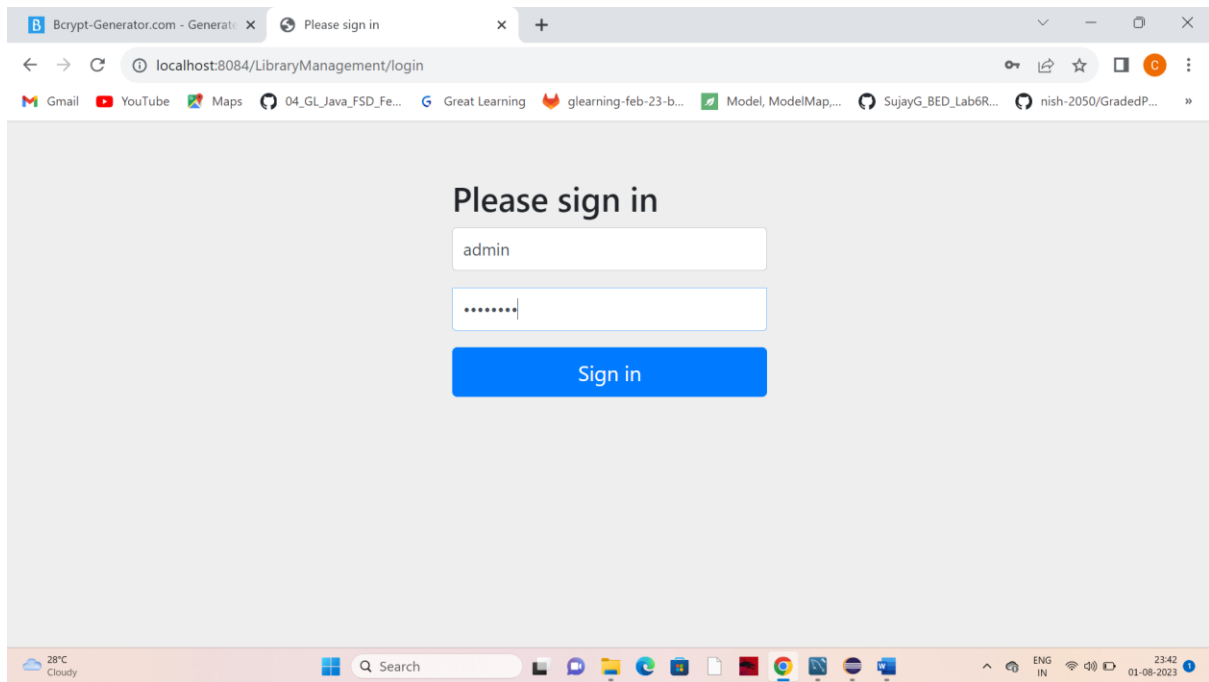
The Output pane shows the execution log:

Action	Time	Message	Duration / Fetch
SELECT * FROM studentdb.users_roles	1 10:33:42	2 row(s) returned	0.000 sec / 0.000 sec
SELECT * FROM studentdb.user	2 10:35:43	2 row(s) returned	0.000 sec / 0.000 sec
SELECT * FROM studentdb.role	3 10:37:10	2 row(s) returned	0.000 sec / 0.000 sec

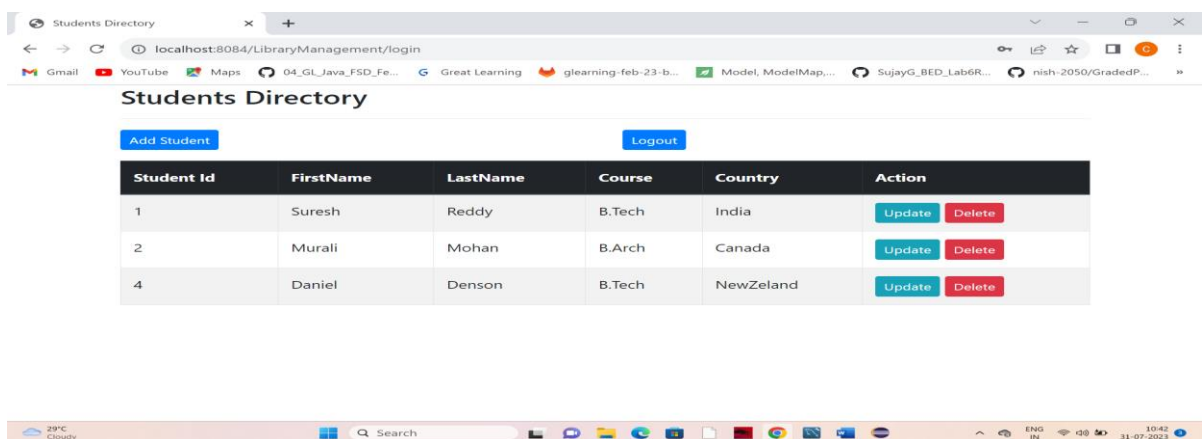
ADMIN OPERATIONS

1. LOGIN PAGE FOR AUTHENTICATION

Hit the url <http://localhost:8080/LibraryManagement>



2.MAIN PAGE AFTER AUTHENTICATION OF admin



3.Add More Student :- "ADD STUDENT" BUTTON FOR ADDING MORE STUDENT

Save Student

localhost:8084/LibraryManagement/students/showFormForAdd

Student Directory

Enter Student

bob

desouza

B.Tech

NewZeland

Save

[Back to Students List](#)

29°C Cloudy Search 10:47 31-07-2023

4."ADD STUDENT" SUCCESSFUL :-

Students Directory

localhost:8084/LibraryManagement/students/list

Add Student Logout

Student Id	FirstName	LastName	Course	Country	Action
1	Suresh	Reddy	B.Tech	India	Update Delete
2	Murali	Mohan	B.Arch	Canada	Update Delete
4	Daniel	Denson	B.Tech	NewZeland	Update Delete
5	bob	desouza	B.Tech	NewZeland	Update Delete

29°C Cloudy Search 11:00 31-07-2023

5. Update existing record :- To Update click on "Update" button.

Save Student

localhost:8084/LibraryManagement/students/showFormForUpdate?studentId=5

Student Directory

Enter Student

bob

desouza

B.Tech

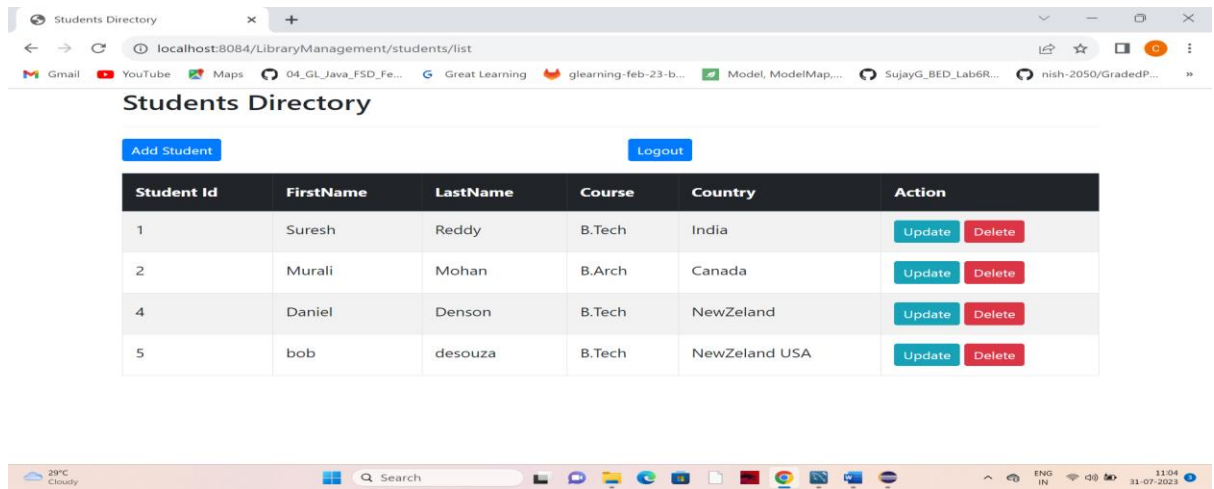
NewZeland USA

Save

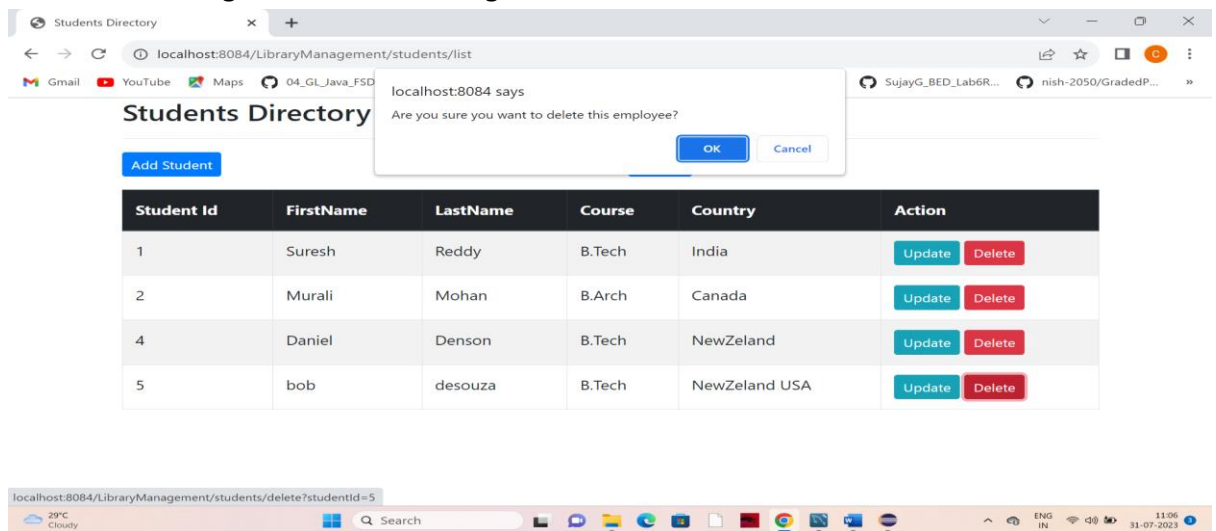
[Back to Students List](#)

29°C Cloudy Search 11:02 31-07-2023

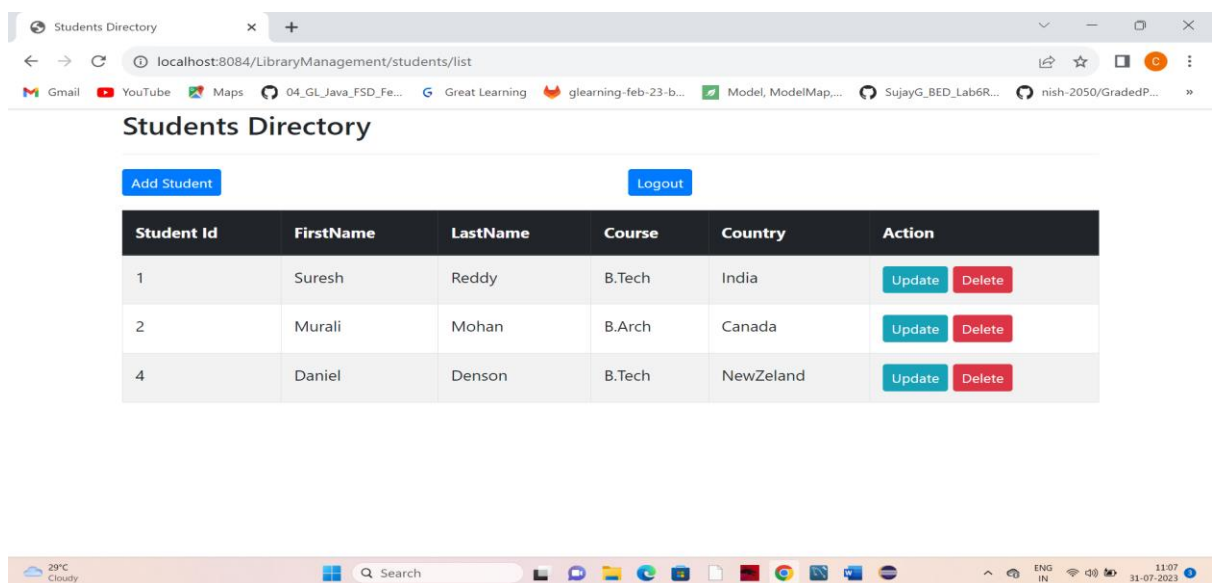
6. SUCCESSFUL UPDATED RECORD IN STUDENT DIRECTORY :-



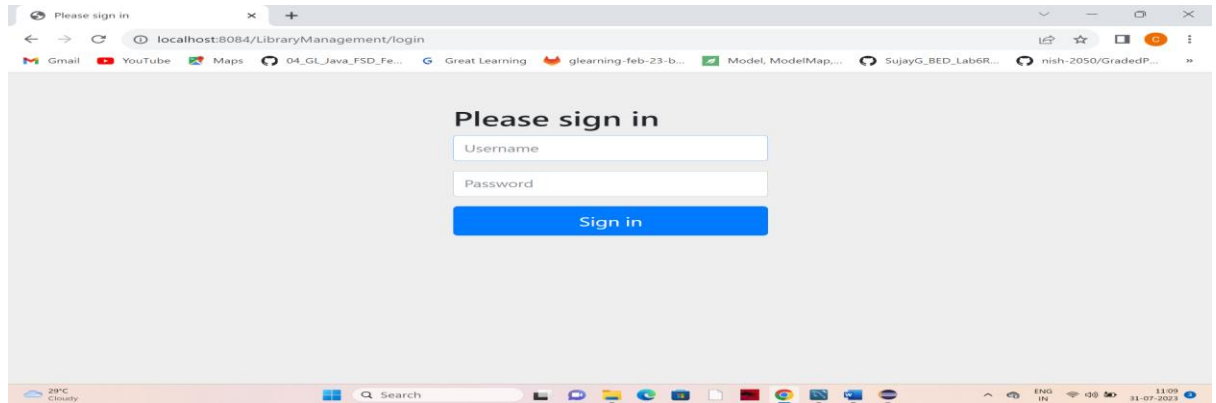
7. Delete the existing record :- For deleting click on "Delete" Button in Action :-



8.AFTER SUCCESSFUL DELETION :-

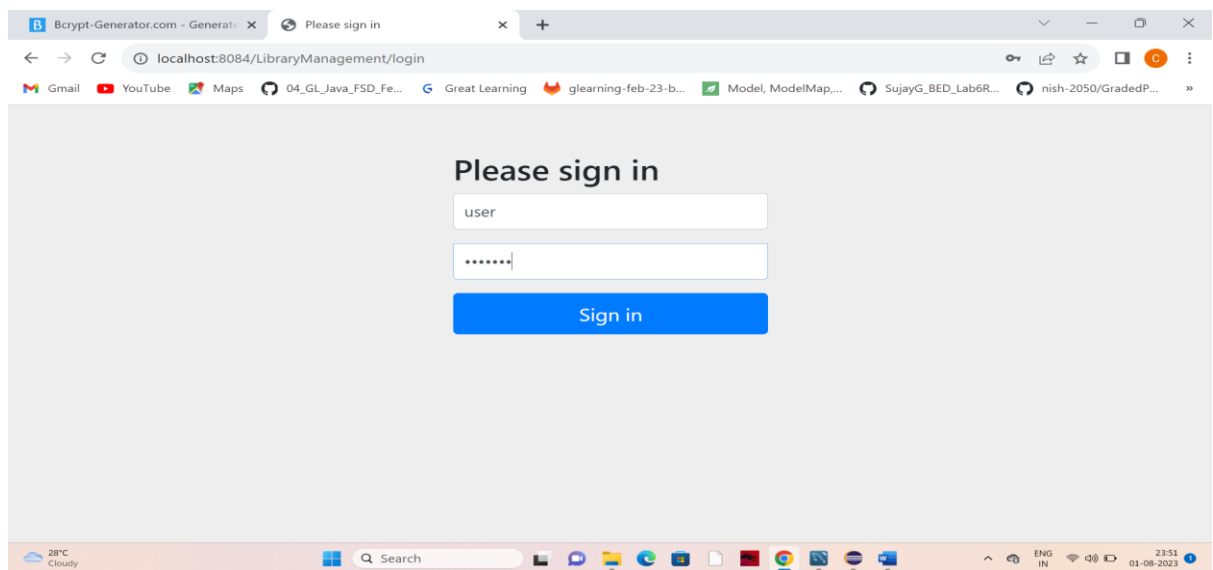


8. LOGOUT Username(admin):-



username "user" Operation

1. Save/Insert record [user]



2.Student Directory page after authentication of learning:-

Students Directory

localhost:8084/LibraryManagement/login

Add Student Logout

Student Id	FirstName	LastName	Course	Country	Action
1	Suresh	Reddy	B.Tech	India	Update Delete
2	Murali	Mohan	B.Arch	Canada	Update Delete
4	Daniel	Denson	B.Tech	NewZeland	Update Delete

29°C Cloudy Search 11:13 31-07-2023

3.ADD STUDENT- Click on “Add Student” button

Save Student

localhost:8084/LibraryManagement/students/showFormForAdd

Student Directory

Enter Student

juliana

bardell

B.Tech and M.Tech

india

Save

[Back to Students List](#)

29°C Cloudy Search 11:14 31-07-2023

4.Adding Student successful



Students Directory

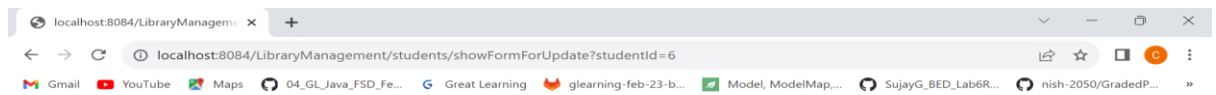
Add Student

Logout

Student Id	FirstName	LastName	Course	Country	Action
1	Suresh	Reddy	B.Tech	India	<button>Update</button> <button>Delete</button>
2	Murali	Mohan	B.Arch	Canada	<button>Update</button> <button>Delete</button>
4	Daniel	Denson	B.Tech	NewZeland	<button>Update</button> <button>Delete</button>
6	juliana	bardell	B.Tech and M.Tech	india	<button>Update</button> <button>Delete</button>



5.Update [username learning] – Click on Update button

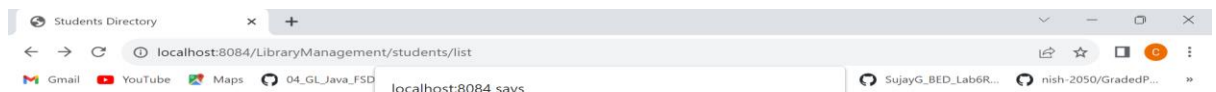


HTTP Status 403 - Access is denied

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



6.Delete Student- Click on “Delete” Button for deleting Existing records



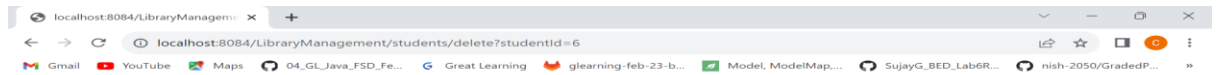
Students Directory

Add Student

Student Id	FirstName	LastName	Course	Country	Action
1	Suresh	Reddy	B.Tech	India	<button>Update</button> <button>Delete</button>
2	Murali	Mohan	B.Arch	Canada	<button>Update</button> <button>Delete</button>
4	Daniel	Denson	B.Tech	NewZeland	<button>Update</button> <button>Delete</button>
6	juliana	bardell	B.Tech and M.Tech	india	<button>Update</button> <button>Delete</button>



7.After clicking on (ok)

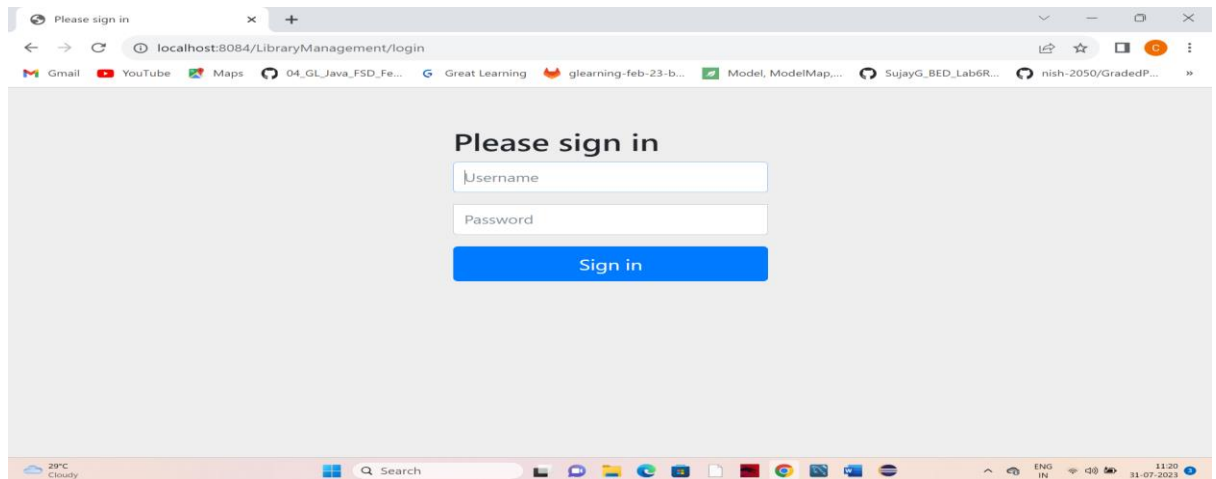


HTTP Status 403 - Access is denied

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



8.logout username (user)



- Print all records from table – login with any username and access url(<http://localhost:8084/LibraryManagement/students/list>)
- Invalid Credentials

