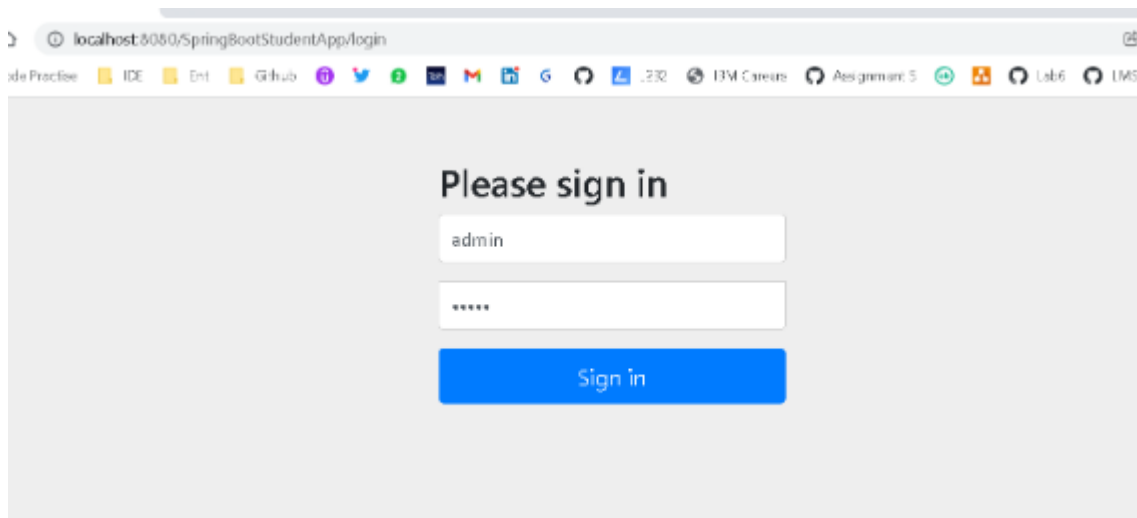
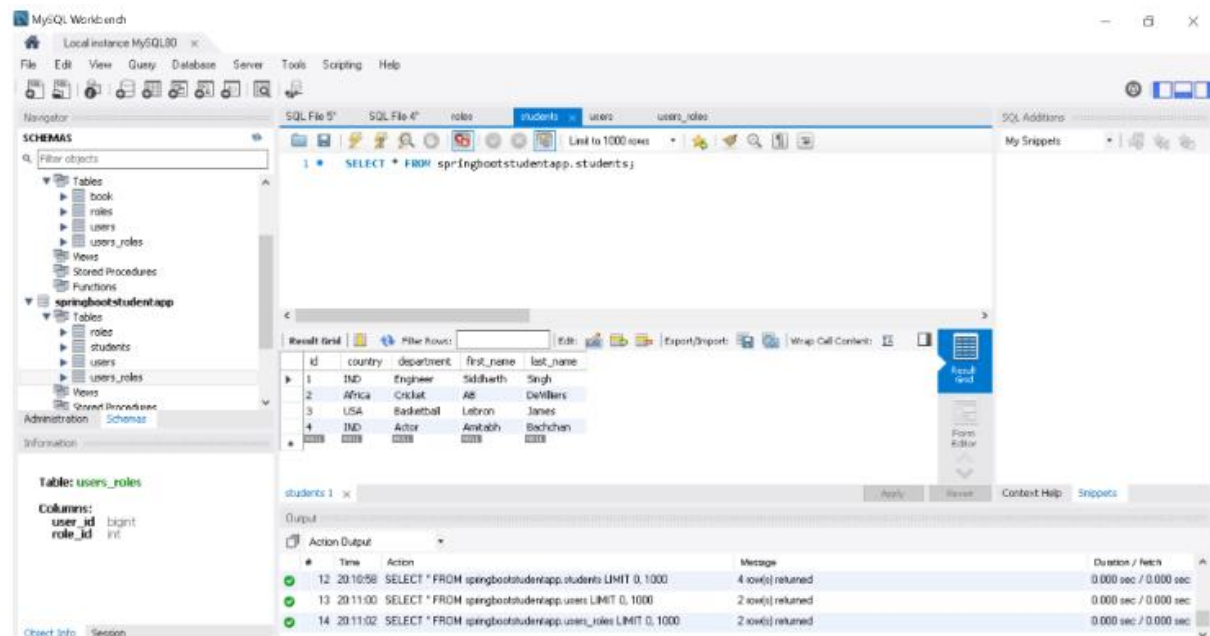


01. APP - Admin - Login Page



02. SQL - Students DB



03. SQL - Users DB

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

Filter objects

SCHEMAS

Tables

- book
- roles
- users
- users_roles

Views

Stored Procedures

Functions

springbootstudentapp

- roles
- students
- users
- users_roles

Views

Stored Procedures

Administration Schemas

Information

Table: users_roles

Columns:

- user_id bigint
- role_id int

Object Info Session

SQL File 5 SQL File 4 roles students users users_roles

1 * SELECT * FROM springbootstudentapp.users;

Result Grid

user_id	password	username
1	\$2e128x1IewwF9Tad2v6DRVaeZP4lEPeP6...	admin
2	\$2e128x1IewwF9Tad2v6DRVaeZP4lEPeP6...	general

Output

Action Output

#	Time	Action	Message	Duration / Fetch
12	20:10:58	SELECT * FROM springbootstudentapp.students LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
13	20:11:00	SELECT * FROM springbootstudentapp.users LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
14	20:11:02	SELECT * FROM springbootstudentapp.users_roles LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec

04. SQL - Roles DB

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

Filter objects

SCHEMAS

Tables

- book
- roles
- users
- users_roles

Views

Stored Procedures

Functions

springbootstudentapp

- roles
- students
- users
- users_roles

Views

Stored Procedures

Administration Schemas

Information

Table: users_roles

Columns:

- user_id bigint
- role_id int

Object Info Session

SQL File 5 SQL File 4 roles students users users_roles

1 * SELECT * FROM springbootstudentapp.roles;

Result Grid

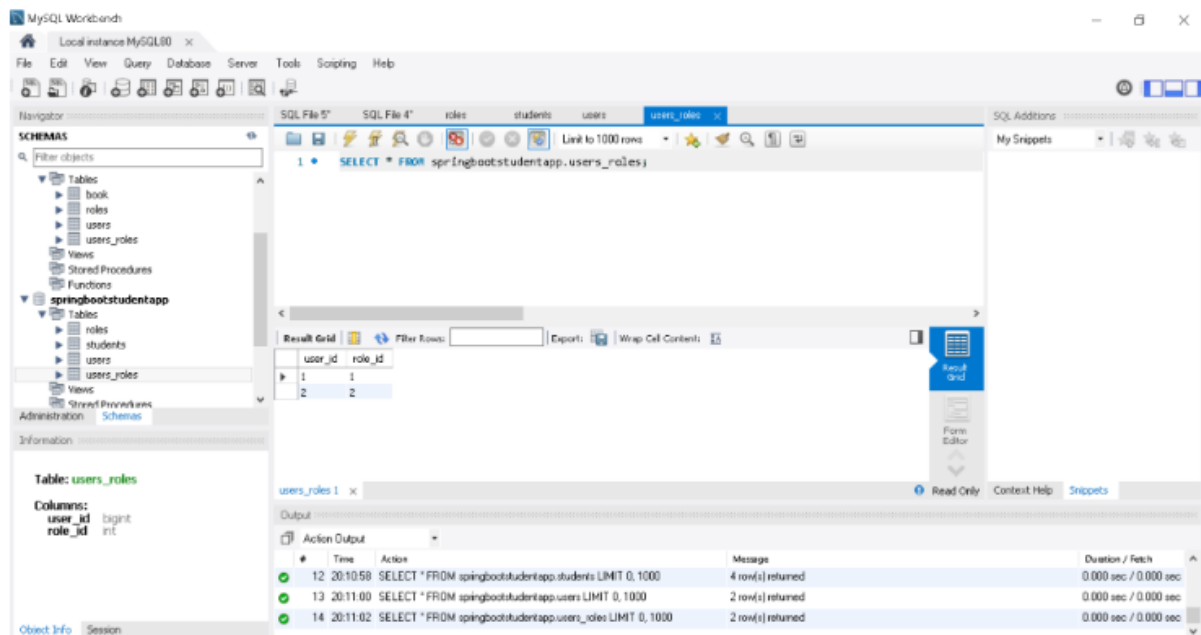
role_id	name
1	ADMIN
2	USER

Output

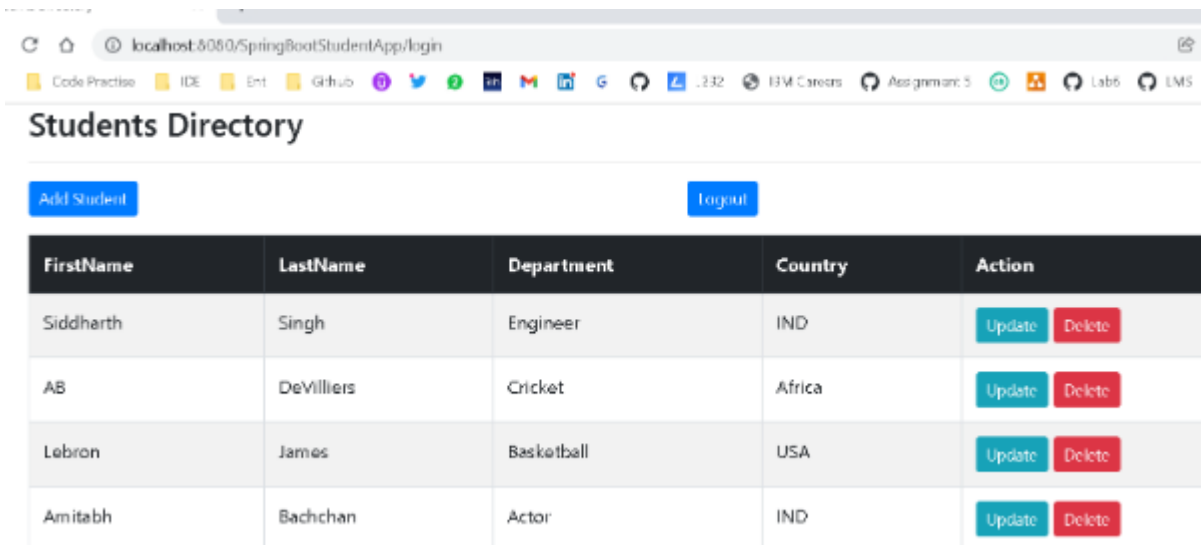
Action Output

#	Time	Action	Message	Duration / Fetch
12	20:10:58	SELECT * FROM springbootstudentapp.students LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
13	20:11:00	SELECT * FROM springbootstudentapp.users LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
14	20:11:02	SELECT * FROM springbootstudentapp.users_roles LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec

05. SQL - User Roles DB



06. APP - Admin - Data Lists



07. APP - Admin - Data Update

localhost:8080/SpringBootStudentApp/students/showFormForUpdate?studentId=2

Student Directory

Enter Student

[Back to Students List](#)

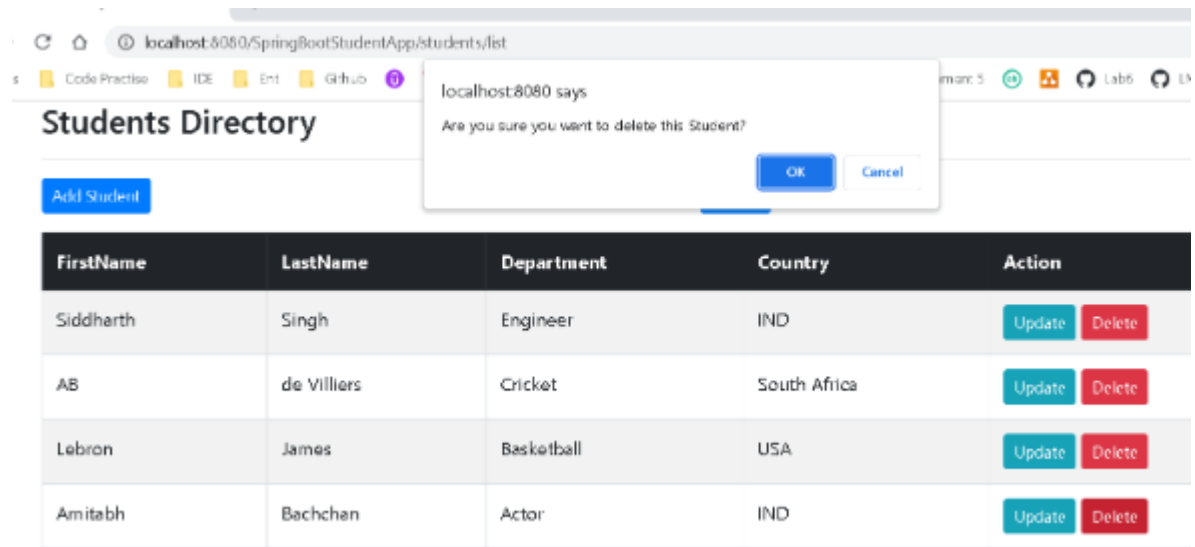
08. APP - Admin - After Update Data Lists

localhost:8080/SpringBootStudentApp/students/list

Students Directory

FirstName	LastName	Department	Country	Action
Siddharth	Singh	Engineer	IND	<input type="button" value="Update"/> <input type="button" value="Delete"/>
AB	de Villiers	Cricket	South Africa	<input type="button" value="Update"/> <input type="button" value="Delete"/>
Lebron	James	Basketball	USA	<input type="button" value="Update"/> <input type="button" value="Delete"/>
Amitabh	Bachchan	Actor	IND	<input type="button" value="Update"/> <input type="button" value="Delete"/>

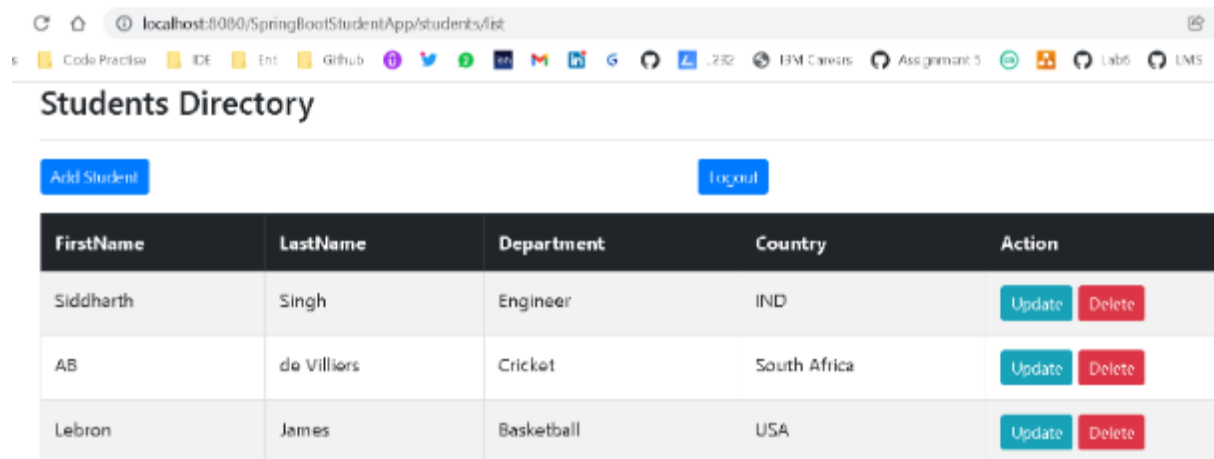
09. APP - Admin - Data Delete



The screenshot shows a web browser at `localhost:8080/SpringBootStudentApp/students/list`. A modal dialog is open with the text: "localhost:8080 says Are you sure you want to delete this Student?". The dialog has "OK" and "Cancel" buttons. Below the dialog is the "Students Directory" page. It has an "Add Student" button and a table with 5 columns: **FirstName**, **LastName**, **Department**, **Country**, and **Action**. The table contains 4 rows of student data. Each row has "Update" and "Delete" buttons in the Action column.

FirstName	LastName	Department	Country	Action
Siddharth	Singh	Engineer	IND	Update Delete
AB	de Villiers	Cricket	South Africa	Update Delete
Lebron	James	Basketball	USA	Update Delete
Amitabh	Bachchan	Actor	IND	Update Delete

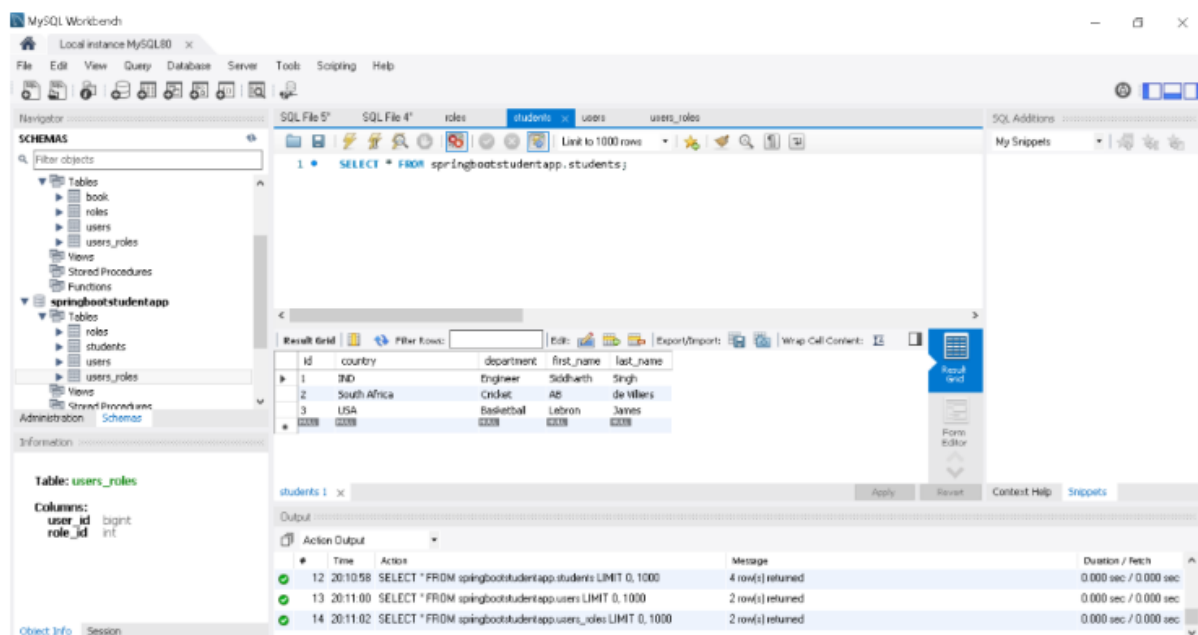
10. APP - Admin - After Deletion Data Lists



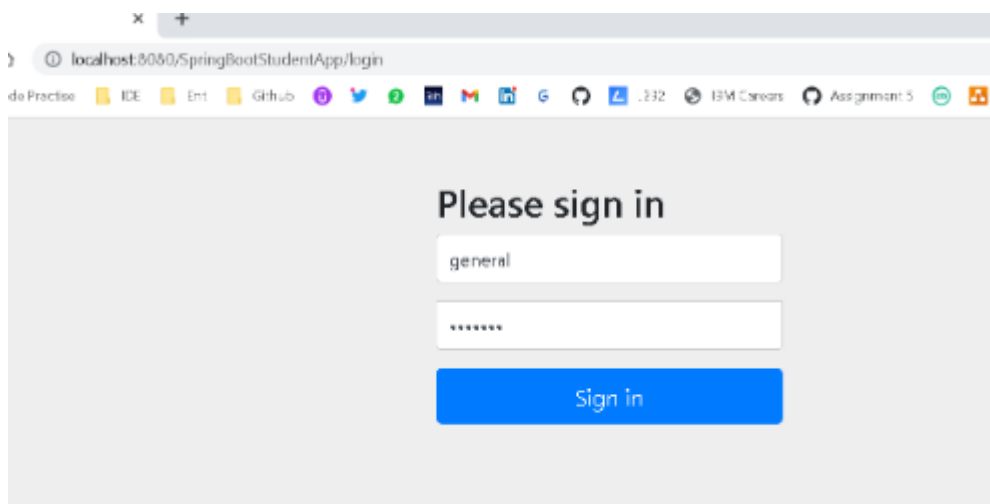
The screenshot shows the same web browser at `localhost:8080/SpringBootStudentApp/students/list`. The modal dialog is no longer present. The "Students Directory" page now includes a "Logout" button next to the "Add Student" button. The table now contains only 3 rows of student data, as the first student (Siddharth Singh) has been deleted.

FirstName	LastName	Department	Country	Action
Siddharth	Singh	Engineer	IND	Update Delete
AB	de Villiers	Cricket	South Africa	Update Delete
Lebron	James	Basketball	USA	Update Delete

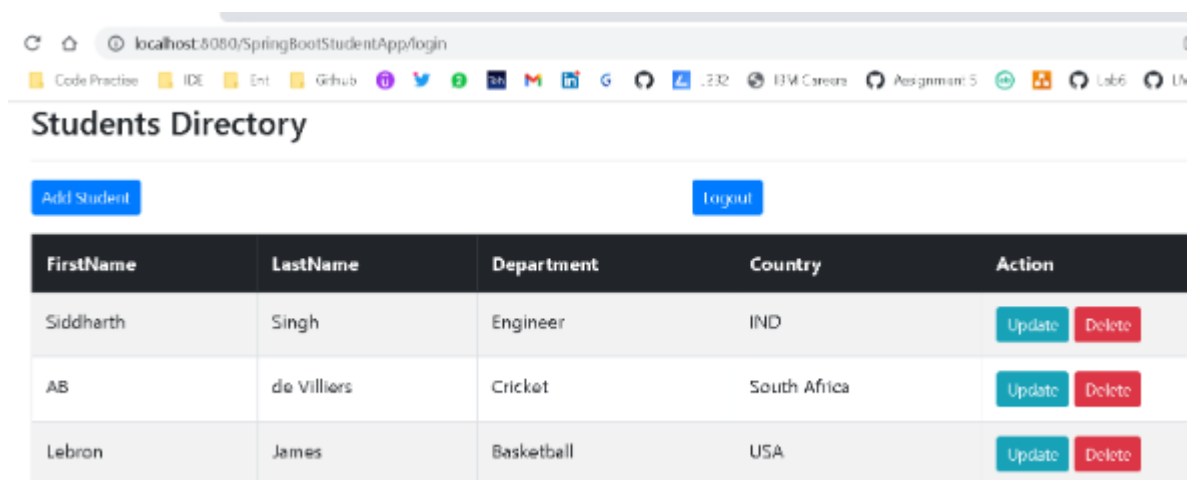
11. SQL - Students DB after Admin Actions



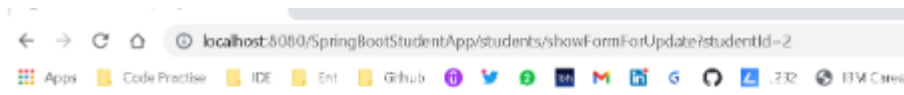
12. APP - General - Login Page



13. APP - General- Data Lists



14. APP - General- Data Update

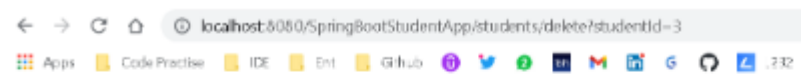


HTTP Status 403 - Access is denied

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

[Back to Students List](#)

15. APP - General- Data Delete



HTTP Status 403 - Access is denied

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

[Back to Students List](#)

16. Bad Credentials

