

# *“Lab Session”*

- Application first page after deploying

The screenshot shows a web browser window with the address bar displaying '127.0.0.1:8082/Collegefest/login'. The page has a light gray background and contains a 'Please sign in' form. The form has two input fields: 'Username' and 'Password', both with placeholder text. Below the fields is a blue 'Sign in' button. The browser's tab bar shows several open tabs, including 'GUI Programming ...', 'Drop me in Bookm...', 'What is a Bypass Ca...', '7805 IC Voltage Re...', 'Word to PDF - Con...', 'Measuring Tempera...', and 'Jaspreet's Code Zo...'. The address bar also shows a 'Reading list' icon.

- At the database end we have below tables after deployment

```
3 • use college;
4
5 • show tables;
```

The screenshot shows a database client window with a 'Result Grid' tab selected. The grid displays the output of the 'show tables;' command, listing the tables in the 'college' database. The tables are: 'Tables\_in\_college', 'roles', 'student', 'user\_roles', and 'users'. The 'roles' table is currently selected, and its structure is visible in the 'Filter Rows' section.

- Inserted a few entries in Users and Roles

```
11 • select * from users;
```

The screenshot shows a database client window with a 'Result Grid' tab selected. The grid displays the output of the 'select \* from users;' command, showing three rows of data. The first two rows are for users 'Ayush' and 'Jack', and the third row is for a user with a NULL username. The columns are 'user\_id', 'password', and 'username'.

user_id	password	username
1	\$2a\$12\$RLMmqBKF86w0x1x/Aond6.quivjKdd/...	Ayush
2	\$2a\$12\$qc8nvIn1jGh/0GZtBYRVtOrK0/fjvZMg/b...	Jack
NULL	NULL	NULL

## Roles tables

```
14 • select * from roles;
```

Result Grid



Filter Rows:

role_id	name
1	ADMIN
2	USER
NULL	NULL

## User\_roles table

```
27 • select * from user_roles;
```

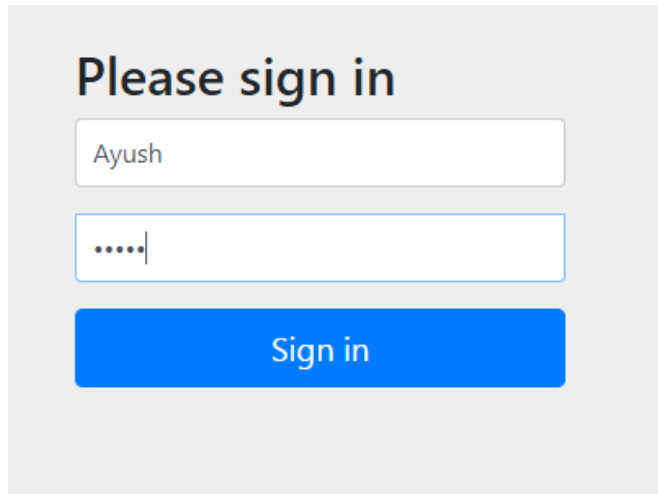
Result Grid



Filter Rows:

user_id	role_id
1	1
2	2

Accessing application from “ADMIN” (UserName =Ayush and password= Ayush)

A sign-in form with a light gray background. It features the text "Please sign in" at the top. Below it are two input fields: the first contains the text "Ayush" and the second contains four dots, indicating a password field. A blue button with the text "Sign in" is positioned below the password field.

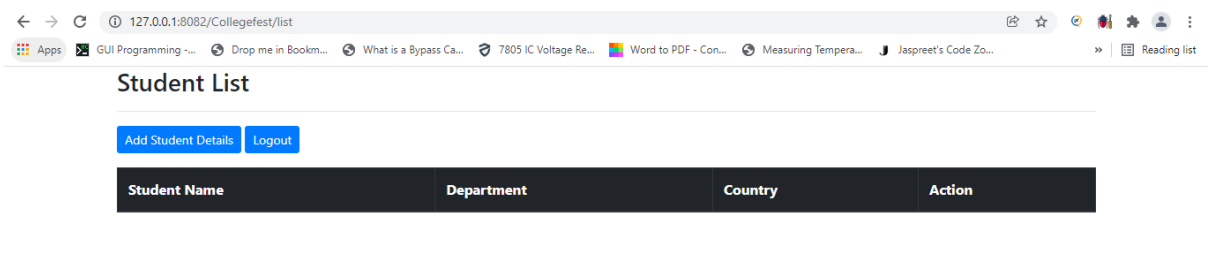
Please sign in

Ayush

....

Sign in

1. Insert new records into the table.

A screenshot of a web browser showing a "Student List" page. The browser's address bar displays "127.0.0.1:8082/Collegefest/list". The page has a header with "Student List" and two buttons: "Add Student Details" and "Logout". Below the header is a table with four columns: "Student Name", "Department", "Country", and "Action".

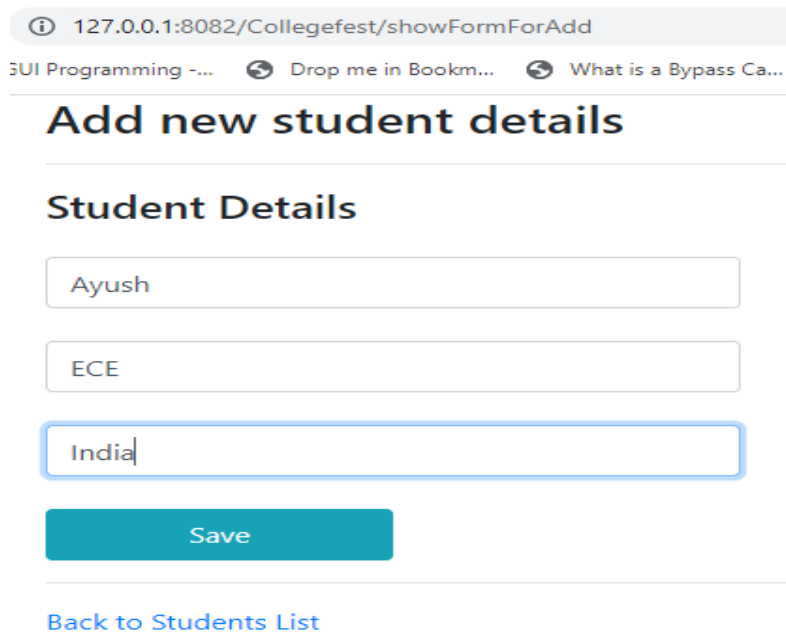
127.0.0.1:8082/Collegefest/list

Student List

Add Student Details Logout

Student Name	Department	Country	Action
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After clicking on “Add Student Details” button

A screenshot of a web browser showing a form titled "Add new student details". The browser's address bar displays "127.0.0.1:8082/Collegefest/showFormForAdd". The form has a header "Student Details" and three input fields: the first contains "Ayush", the second contains "ECE", and the third contains "India". Below the input fields is a teal button with the text "Save". At the bottom of the form is a blue link that says "Back to Students List".

127.0.0.1:8082/Collegefest/showFormForAdd

Add new student details

Student Details

Ayush

ECE

India

Save

Back to Students List

After Clicking

“Save”

← → ↻ 127.0.0.1:8082/Collegefest/list

Apps GUI Programming ~... Drop me in Bookm... What is a Bypass Ca... 7805 IC Voltage Re... Word to PDF - Con... Measuring Tempera... Jaspreet's Code Zo...

### Student List

[Add Student Details](#) [Logout](#)

Student Name	Department	Country	Action
Ayush	ECE	India	<a href="#">Update</a> <a href="#">Delete</a>

2. Update existing records into the table.

Clicking on update button in above

3. Delete existing records from the table.

← → ↻ 127.0.0.1:8082/Collegefest/showFormForUpdate?studentId=6

Apps GUI Programming ~... Drop me in Bookm... What is a Bypass Ca... 7805 IC \

## Add new student details

### Student Details

[Save](#)

[Back to Students List](#)

After Clicking “Save” button

← → ↻ 127.0.0.1:8082/Collegefest/list

Apps GUI Programming ~... Drop me in Bookm... What is a Bypass Ca... 7805 IC Voltage Re... Word to PDF - Con... Measuring Tempera... Jaspreet's Code Zo... Reading list

### Student List

[Add Student Details](#) [Logout](#)

Student Name	Department	Country	Action
Ashvi	DR	India	<a href="#">Update</a> <a href="#">Delete</a>

#### 4. Print all records from the table.

Student List

[Add Student Details](#) [Logout](#)

Student Name	Department	Country	Action
Ashvi	DR	India	<a href="#">Update</a> <a href="#">Delete</a>

#### 5. Deleting entry from the list.

##### Existing entry

Student List

[Add Student Details](#) [Logout](#)

Student Name	Department	Country	Action
Ashvi	DR	India	<a href="#">Update</a> <a href="#">Delete</a>

##### Clicking on “Delete” button

Student List

[Add Student Details](#) [Logout](#)

127.0.0.1:8082 says  
Are you sure you want to delete this entry?

[OK](#) [Cancel](#)

Student Name	Department	Country	Action
Ashvi	DR	India	<a href="#">Update</a> <a href="#">Delete</a>

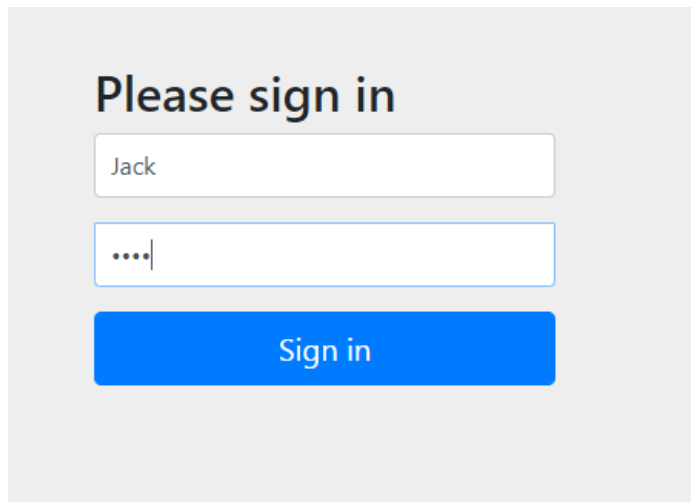
##### After clicking on “OK”

Student List

[Add Student Details](#) [Logout](#)

Student Name	Department	Country	Action
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Accessing application from “USER” (UserName =Jack and password= Jack)



Please sign in

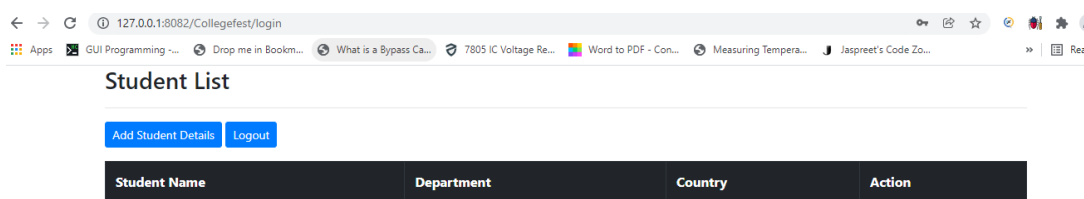
Jack

....

Sign in

1. Insert new records into the table.

Screen after login



Student List

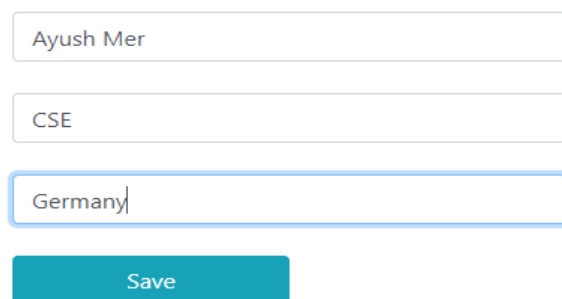
Add Student Details Logout

Student Name	Department	Country	Action
--------------	------------	---------	--------

Adding a few entries

## Add new student details

### Student Details



Ayush Mer

CSE

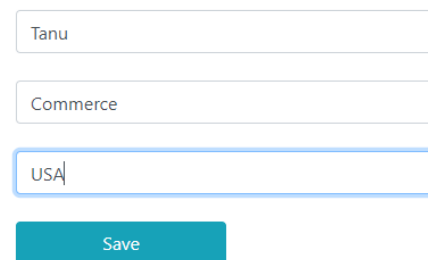
Germany

Save

[Back to Students List](#)

## Add new student details

### Student Details



Tanu

Commerce

USA

Save

[Back to Students List](#)

## Student List

[Add Student Details](#) [Logout](#)

Student Name	Department	Country	Action
Ayush Mer	CSE	Germany	<a href="#">Update</a> <a href="#">Delete</a>
Tanu	Commerce	USA	<a href="#">Update</a> <a href="#">Delete</a>

2. Update existing records into the table.

After clicking update button

# HTTP status 403 - Access is denied

[Back to List Page](#)

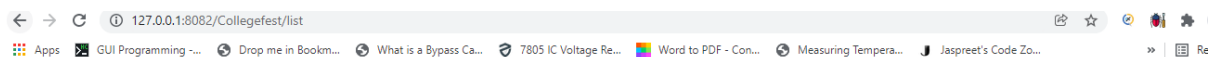
3. Delete existing records from the table.

After clicking delete button

# HTTP status 403 - Access is denied

[Back to List Page](#)

4. Print all records from the table.



## Student List

[Add Student Details](#) [Logout](#)

Student Name	Department	Country	Action
Ayush Mer	CSE	Germany	<a href="#">Update</a> <a href="#">Delete</a>
Tanu	Commerce	USA	<a href="#">Update</a> <a href="#">Delete</a>