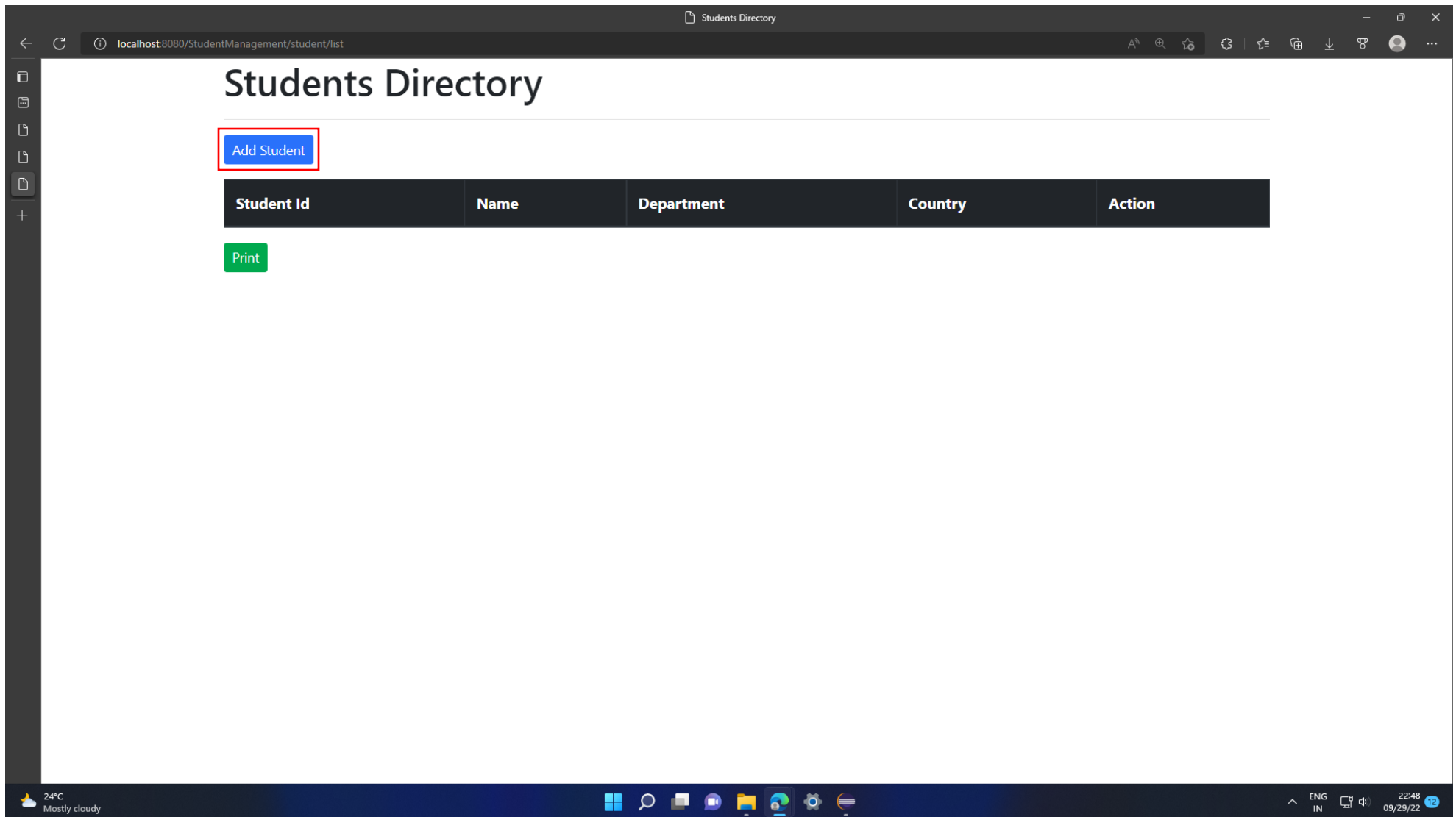


- **Welcome to Student Management Portal**
- Click on “Click here to view the list of students”

1. Insert new records into the table

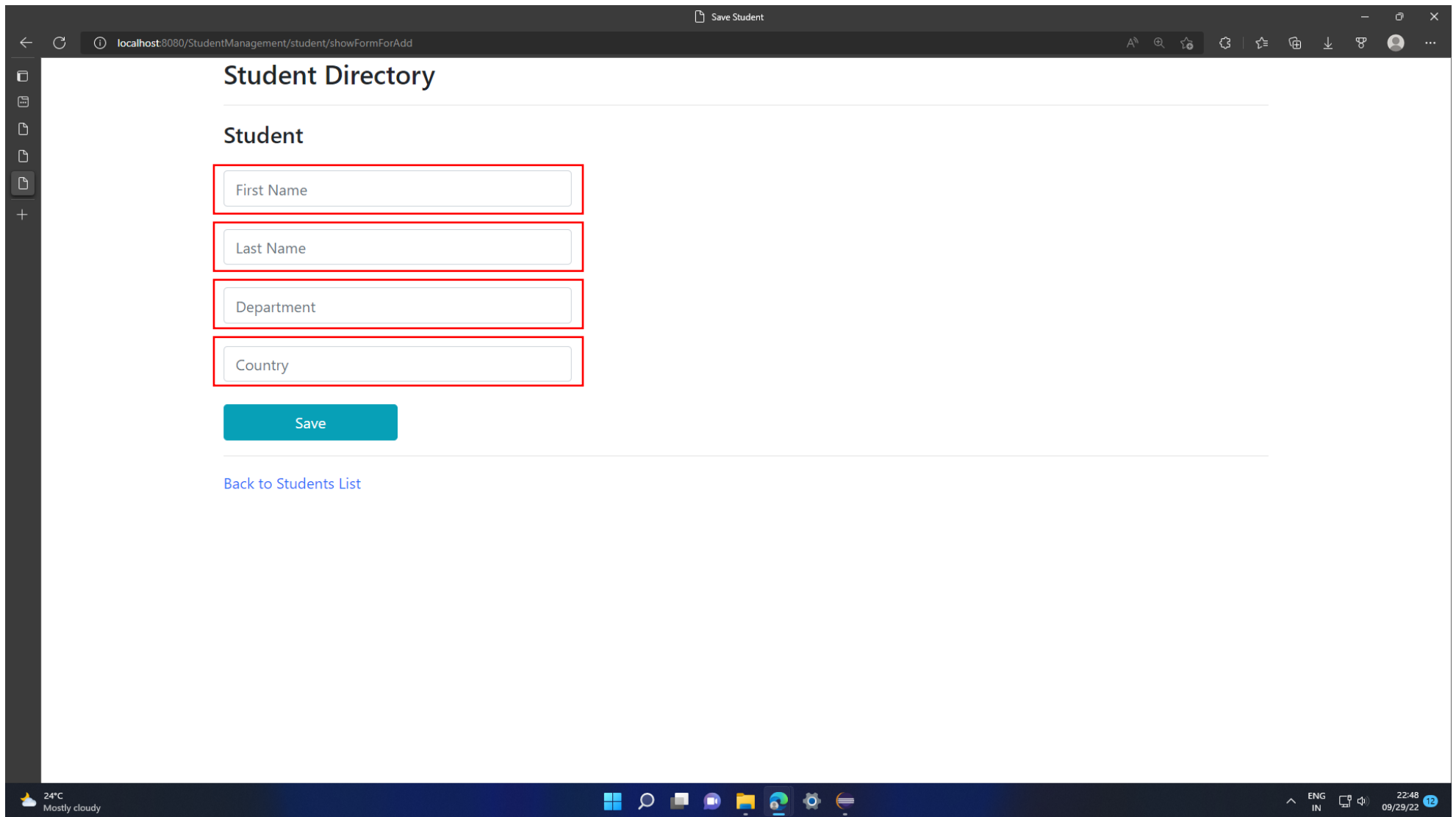


The screenshot shows a web browser window with the address bar displaying `localhost:8080/StudentManagement/student/list`. The page title is "Students Directory". Below the title, there is a blue button labeled "Add Student" which is highlighted with a red rectangle. Below the button is a table with the following structure:

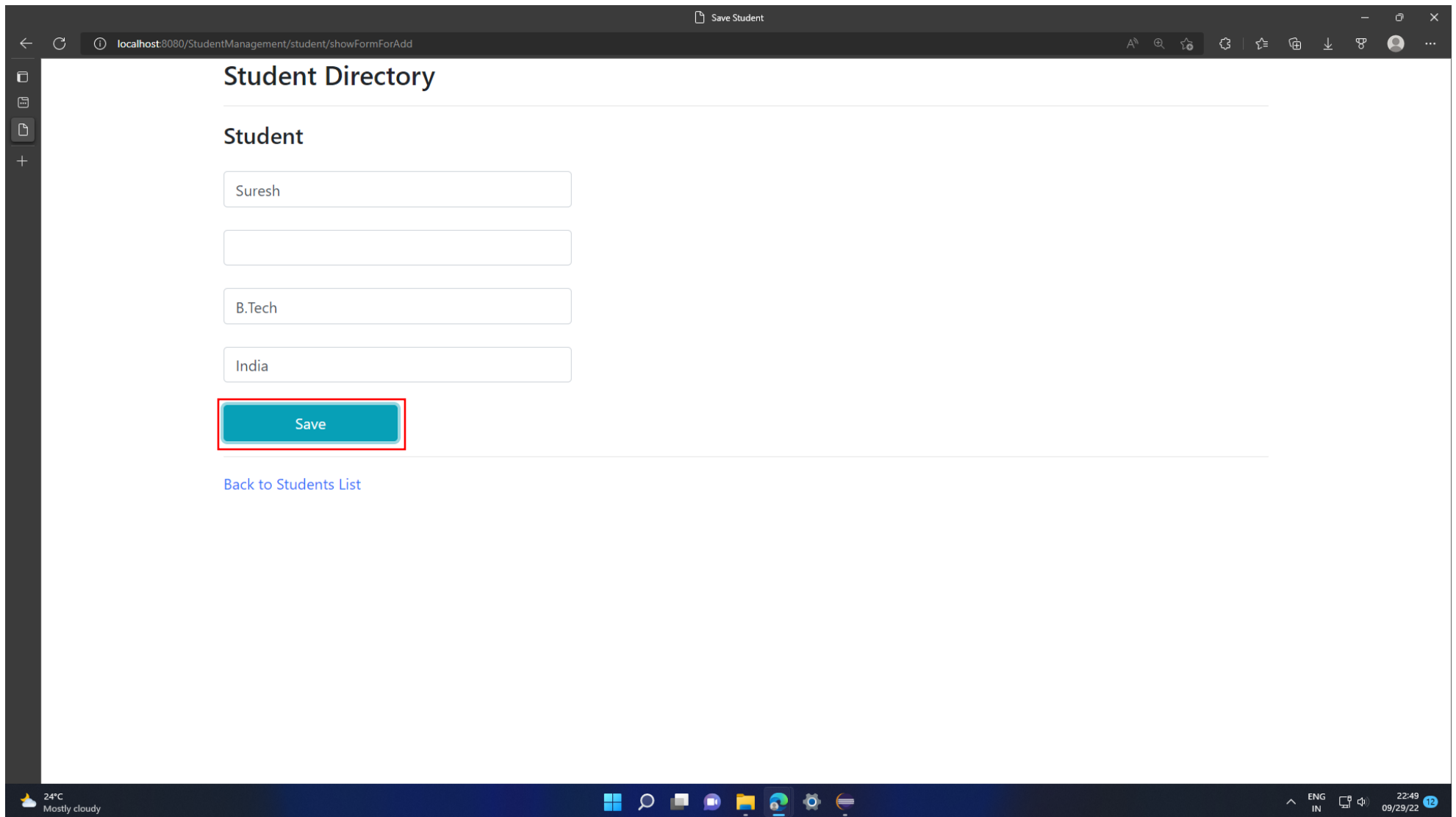
Student Id	Name	Department	Country	Action
------------	------	------------	---------	--------

Below the table, there is a green button labeled "Print". The browser's taskbar at the bottom shows the system clock as 22:48 on 09/29/22, along with weather information (24°C, Mostly cloudy) and various application icons.

- Click on **Add Student** button.



- Type a First Name, Last Name, Department and Country.



- After typing First Name, Last Name, Department and Country.
- Then Click on **Save** button.

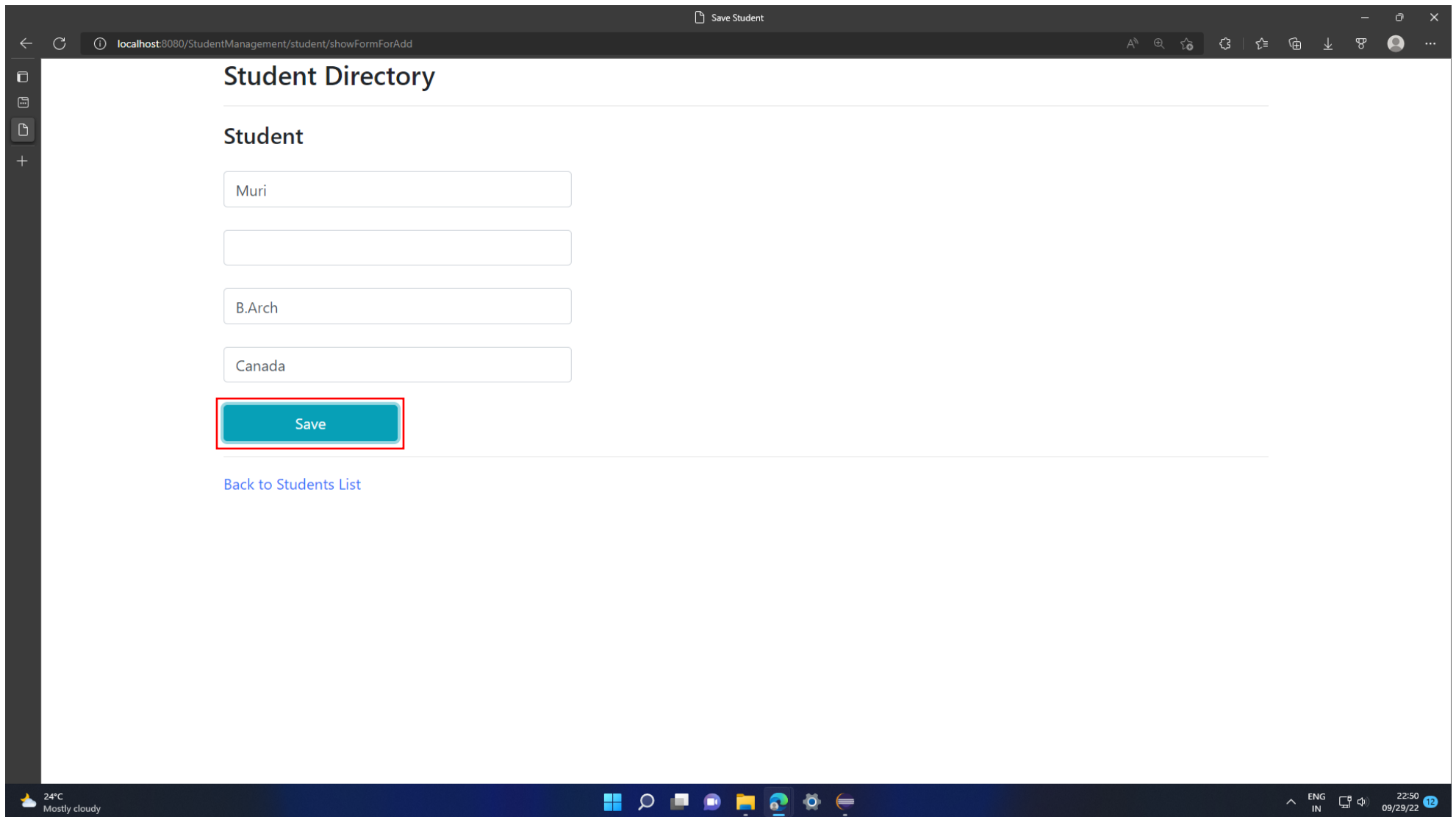
Students Directory

[Add Student](#)

Student Id	Name	Department	Country	Action
1	Suresh	B.Tech	India	Update Delete

[Print](#)

- Then Student directory show the saved student details.
- If need a add another student detail Click on **Add Student**.



- After typing First Name, Last Name, Department and Country.
- Then Click on **Save** button.

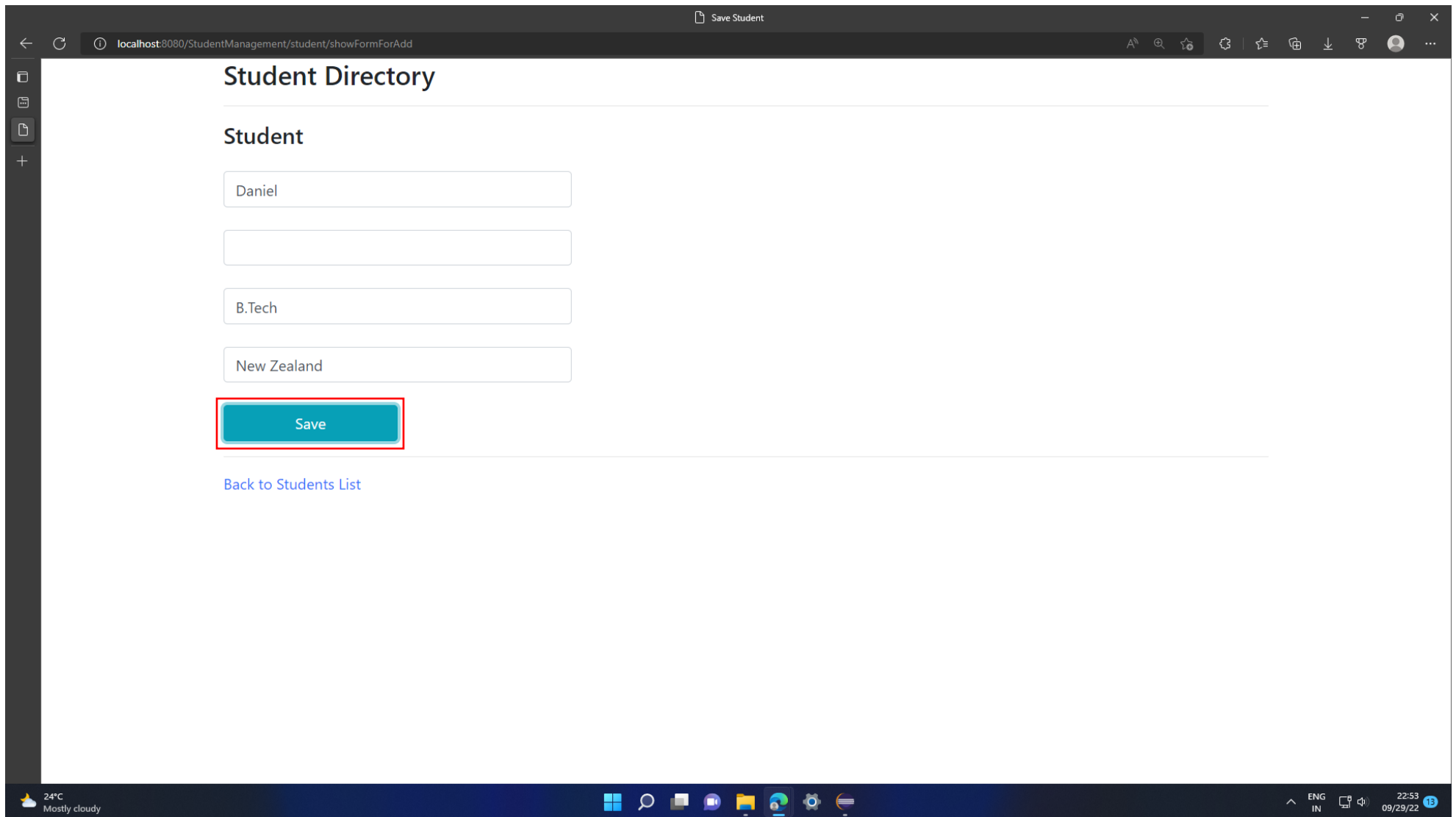
Students Directory

[Add Student](#)

Student Id	Name	Department	Country	Action
1	Suresh	B.Tech	India	Update Delete
2	Muri	B.Arch	Canada	Update Delete

[Print](#)

- Then Student directory show the saved student details.
- If need a add another student detail Click on **Add Student**.



- After typing First Name, Last Name, Department and Country.
- Then Click on **Save** button.

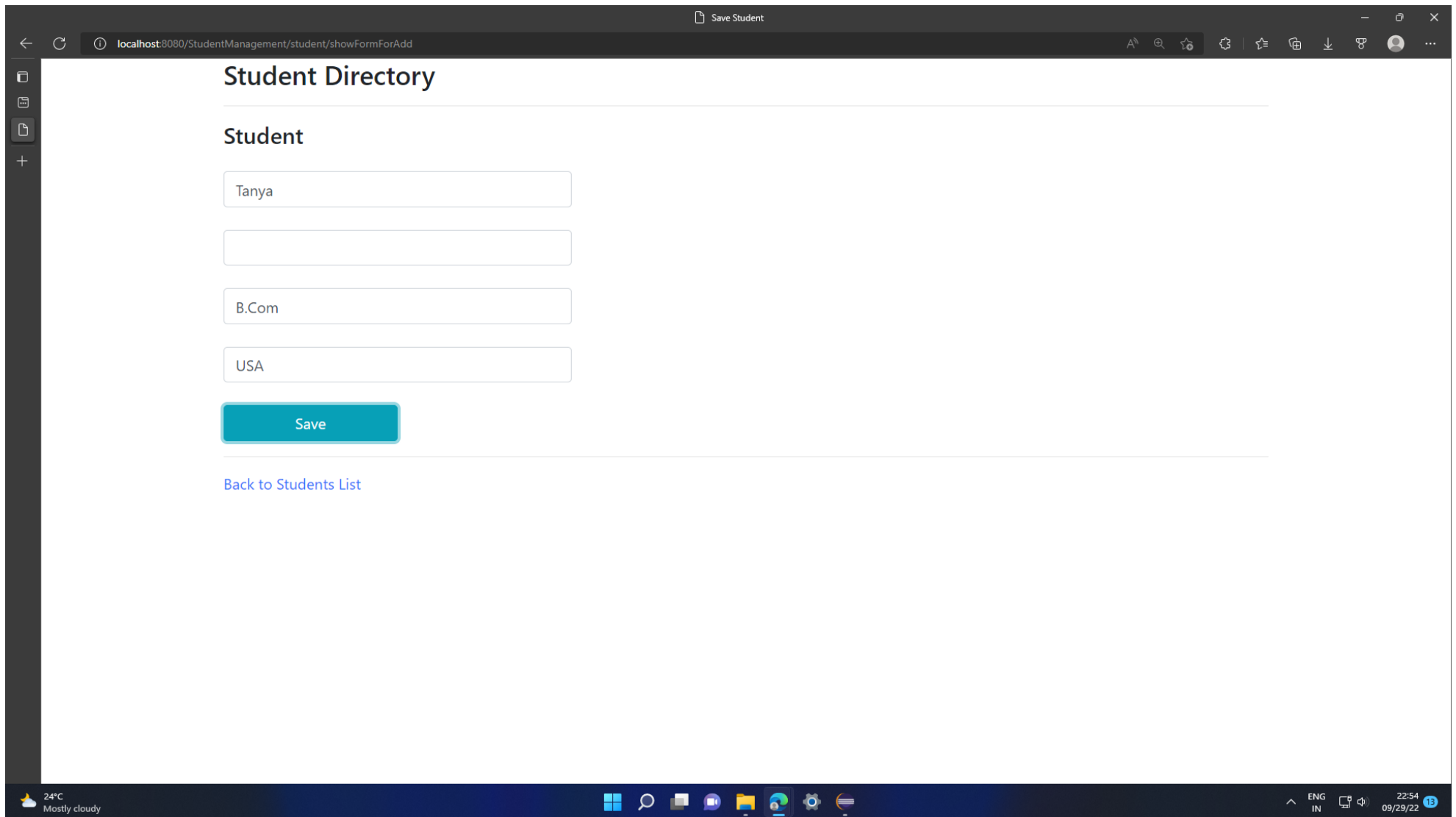
Students Directory

[Add Student](#)

Student Id	Name	Department	Country	Action
1	Suresh	B.Tech	India	Update Delete
2	Muri	B.Arch	Canada	Update Delete
3	Daniel	B.Tech	New Zealand	Update Delete

[Print](#)

- Then Student directory show the saved student details.
- If need a add another student detail Click on **Add Student**.



- After typing First Name, Last Name, Department and Country.
- Then Click on **Save** button.

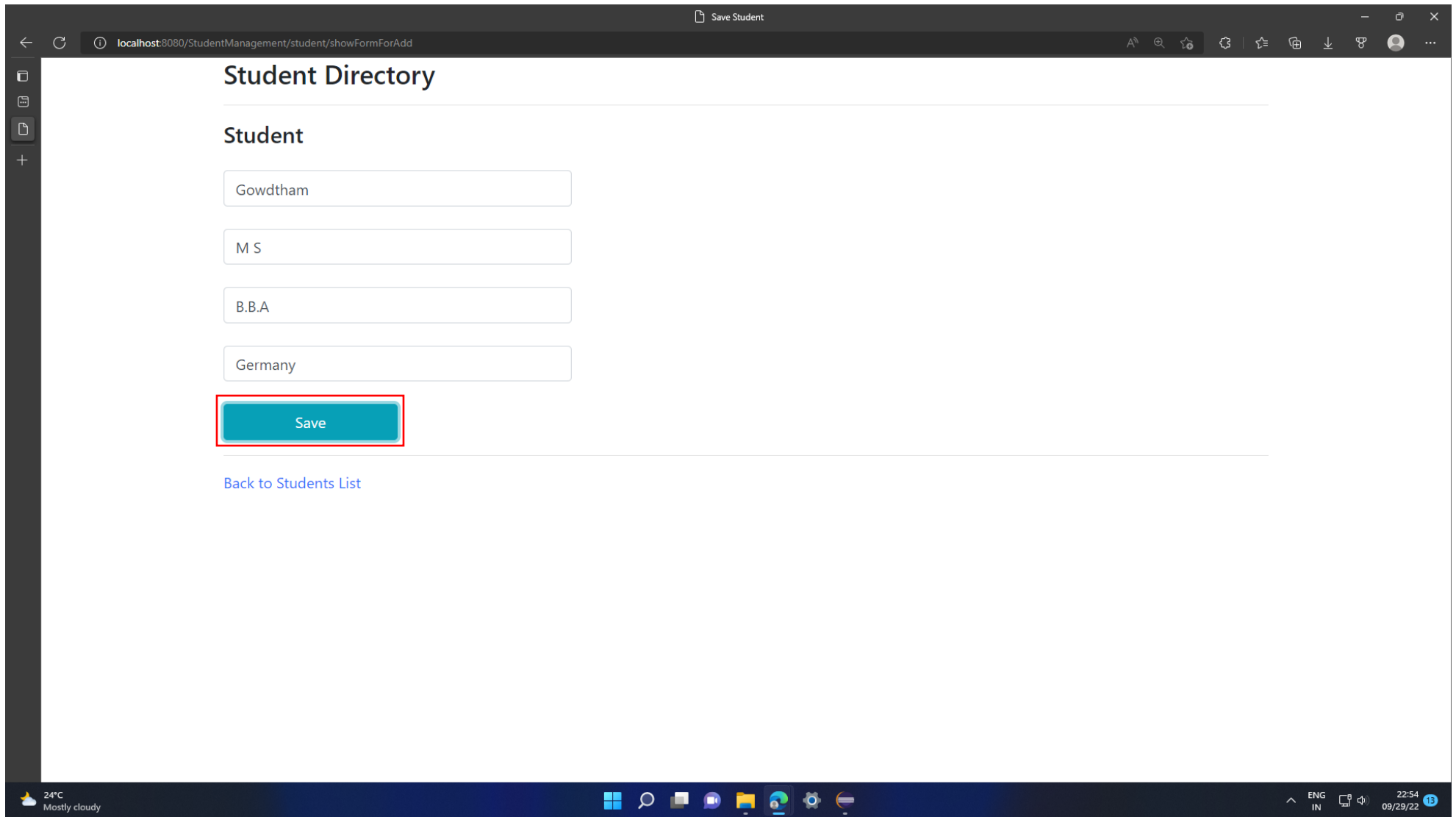
Students Directory

[Add Student](#)

Student Id	Name	Department	Country	Action
1	Suresh	B.Tech	India	Update Delete
2	Muri	B.Arch	Canada	Update Delete
3	Daniel	B.Tech	New Zealand	Update Delete
4	Tanya	B.Com	USA	Update Delete

[Print](#)

- Then Student directory show the saved student details.
- If need a add another student detail Click on **Add Student**.



- After typing First Name, Last Name, Department and Country.
- Then Click on **Save** button.

Students Directory

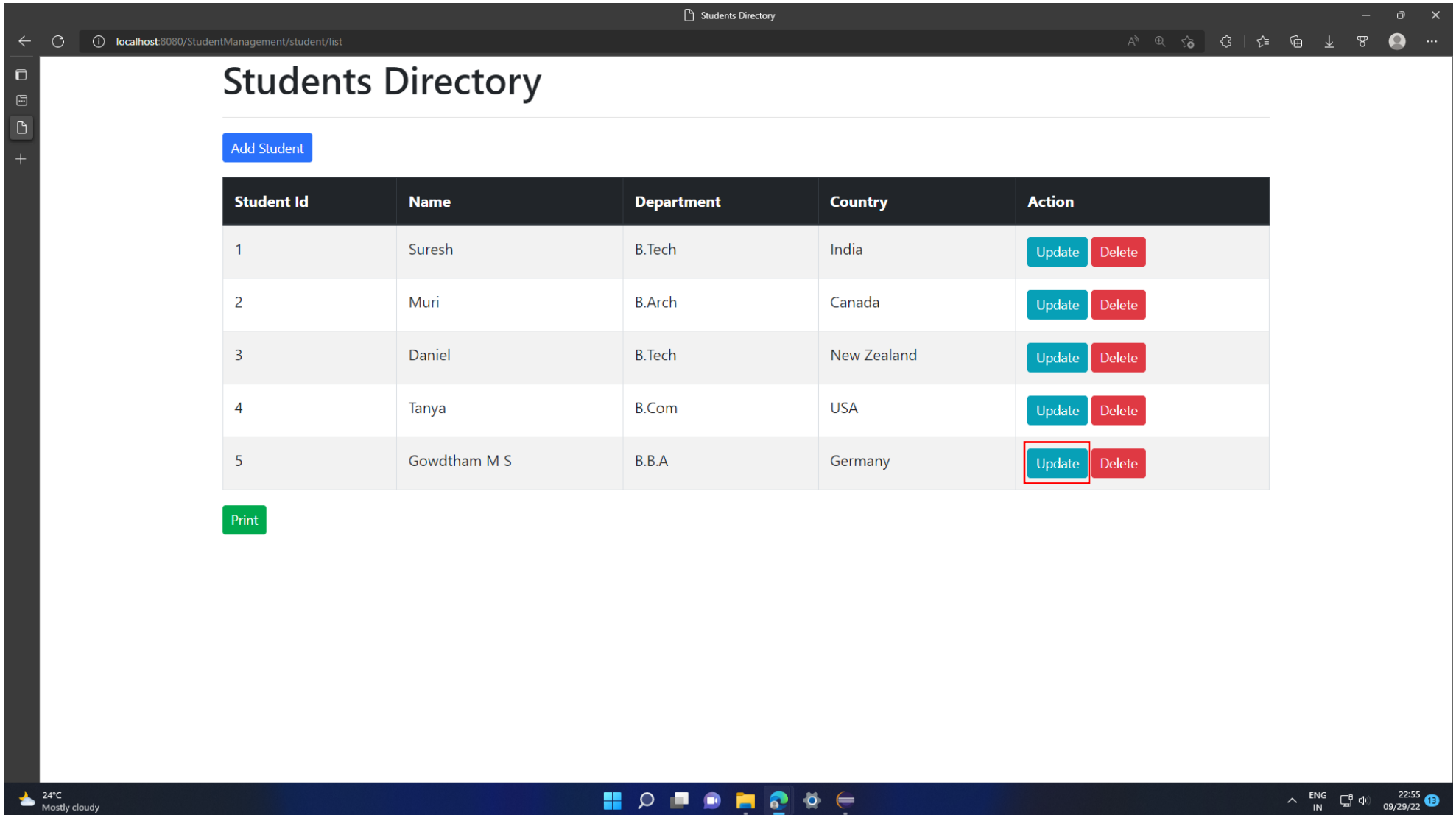
[Add Student](#)

Student Id	Name	Department	Country	Action
1	Suresh	B.Tech	India	Update Delete
2	Muri	B.Arch	Canada	Update Delete
3	Daniel	B.Tech	New Zealand	Update Delete
4	Tanya	B.Com	USA	Update Delete
5	Gowdtham M S	B.B.A	Germany	Update Delete

[Print](#)

- Then Student directory show the saved student details.

2. Update existing records into the table.



The screenshot displays a web application titled "Students Directory" running on a browser at the URL `localhost:8080/StudentManagement/student/list`. The application features a sidebar with navigation icons and a main content area. In the main area, there is a blue "Add Student" button at the top left and a green "Print" button at the bottom left. A table with five rows of student data is displayed. The table has the following columns: "Student Id", "Name", "Department", "Country", and "Action". The "Action" column contains two buttons: "Update" (teal) and "Delete" (red). The "Update" button for the student with ID 5 is highlighted with a red rectangular box.

Student Id	Name	Department	Country	Action
1	Suresh	B.Tech	India	<button>Update</button> <button>Delete</button>
2	Muri	B.Arch	Canada	<button>Update</button> <button>Delete</button>
3	Daniel	B.Tech	New Zealand	<button>Update</button> <button>Delete</button>
4	Tanya	B.Com	USA	<button>Update</button> <button>Delete</button>
5	Gowdtham M S	B.B.A	Germany	<button>Update</button> <button>Delete</button>

- Then Student directory need some student need update a detail.
- So, need Click on **Update** button.

Save Student

localhost:3080/StudentManagement/student/showFormForUpdate?studentId=5

Student Directory

Student

Gowdtham

M S

B.C.A

Germany

Save

[Back to Students List](#)

- This Student need to update a detail in Department.
- Then need Click on **Save** button.

Students Directory

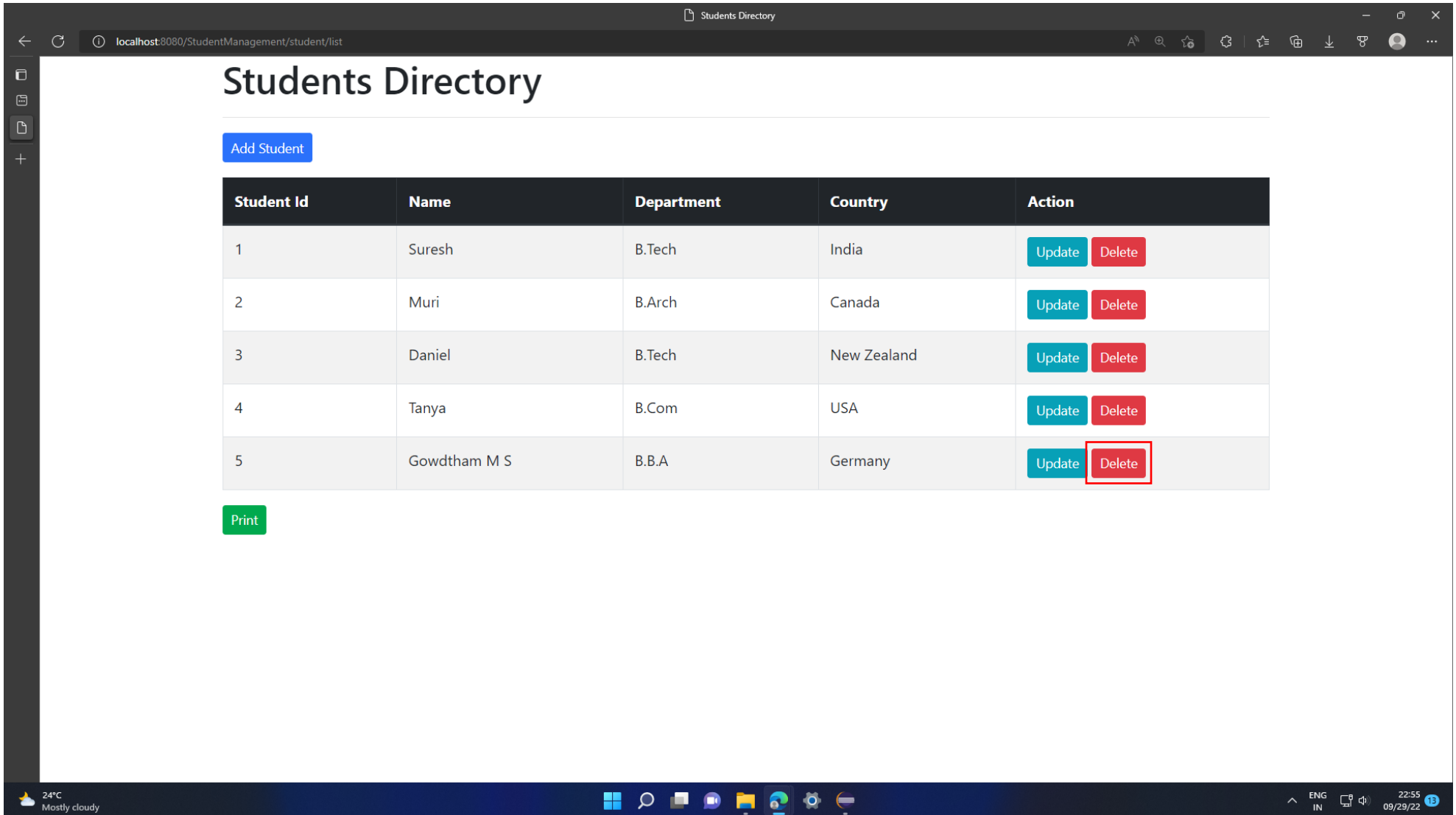
[Add Student](#)

Student Id	Name	Department	Country	Action
1	Suresh	B.Tech	India	Update Delete
2	Muri	B.Arch	Canada	Update Delete
3	Daniel	B.Tech	New Zealand	Update Delete
4	Tanya	B.Com	USA	Update Delete
5	Gowdtham M S	B.C.A	Germany	Update Delete

[Print](#)

- Then Student directory shows this page after updating the Department.

3. Delete existing records from the table.



The screenshot displays a web browser window with the URL `localhost:8080/StudentManagement/student/list`. The page title is "Students Directory". Below the title, there is a blue "Add Student" button. A table lists five students with their details and action buttons. The "Delete" button for the student with ID 5 is highlighted with a red box. Below the table, there is a green "Print" button.

Student Id	Name	Department	Country	Action
1	Suresh	B.Tech	India	<button>Update</button> <button>Delete</button>
2	Muri	B.Arch	Canada	<button>Update</button> <button>Delete</button>
3	Daniel	B.Tech	New Zealand	<button>Update</button> <button>Delete</button>
4	Tanya	B.Com	USA	<button>Update</button> <button>Delete</button>
5	Gowdtham M S	B.B.A	Germany	<button>Update</button> <button>Delete</button>

- Then Student directory need some student need remove their details after-course completion.
- So, need Click on **Delete** button.

Students Directory

localhost:8080 says
Are you sure you want to delete this Student?

OK Cancel

Add Student

Student Id	Name	Department	Country	Action
1	Suresh	B.Tech	India	<button>Update</button> <button>Delete</button>
2	Muri	B.Arch	Canada	<button>Update</button> <button>Delete</button>
3	Daniel	B.Tech	New Zealand	<button>Update</button> <button>Delete</button>
4	Tanya	B.Com	USA	<button>Update</button> <button>Delete</button>
5	Gowdtham M S	B.C.A	Germany	<button>Update</button> <button>Delete</button>

Print

24°C Mostly cloudy

ENG IN 22:56 09/29/22

- When Click on Delete button.
- Ask for re-conformation.
- Click on **Ok** button.

Students Directory

[Add Student](#)

Student Id	Name	Department	Country	Action
1	Suresh	B.Tech	India	Update Delete
2	Muri	B.Arch	Canada	Update Delete
3	Daniel	B.Tech	New Zealand	Update Delete
4	Tanya	B.Com	USA	Update Delete

[Print](#)

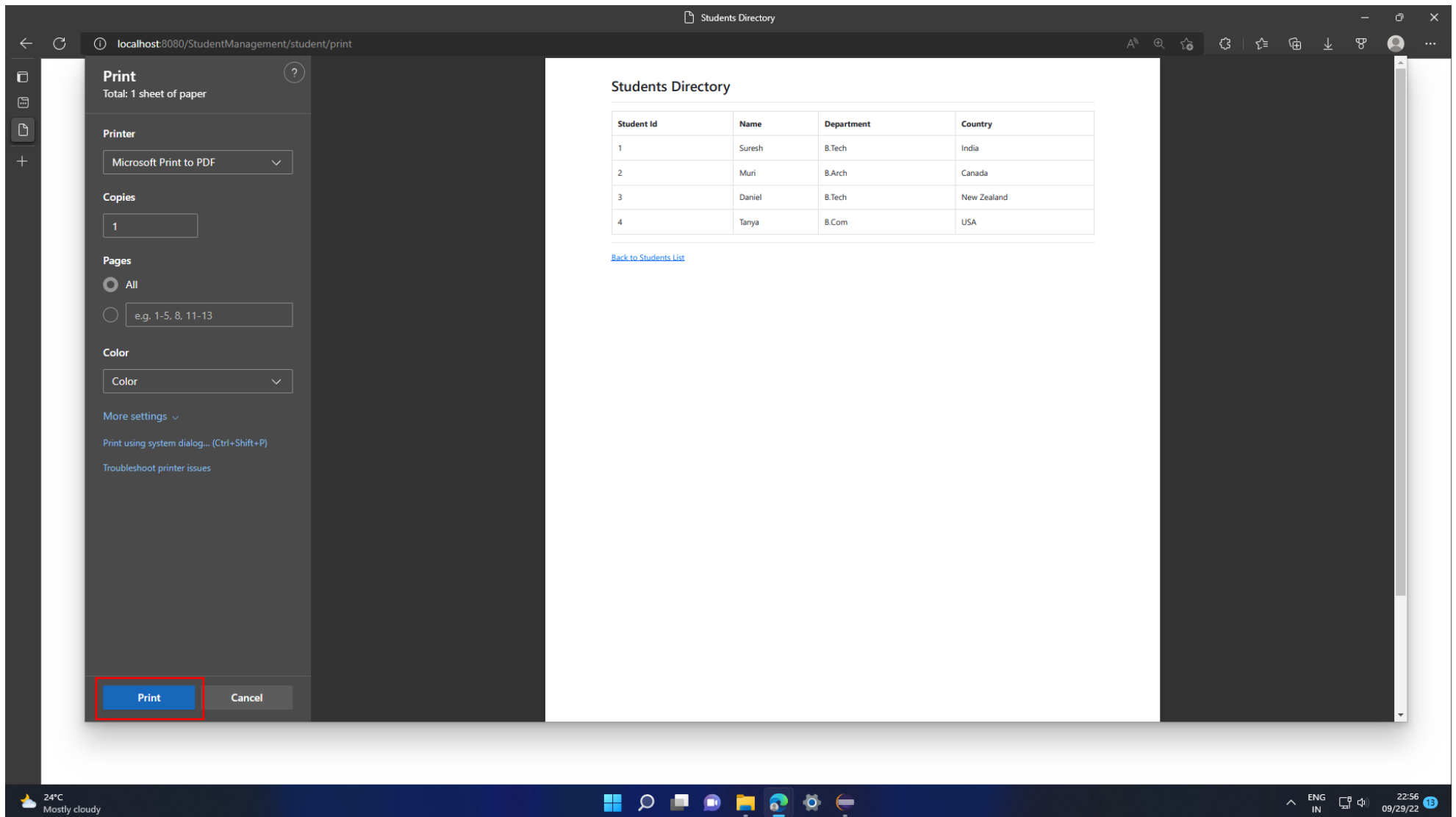
- Then Student directory shows this page after deleting the one of the students.

4. Print all records from the table.

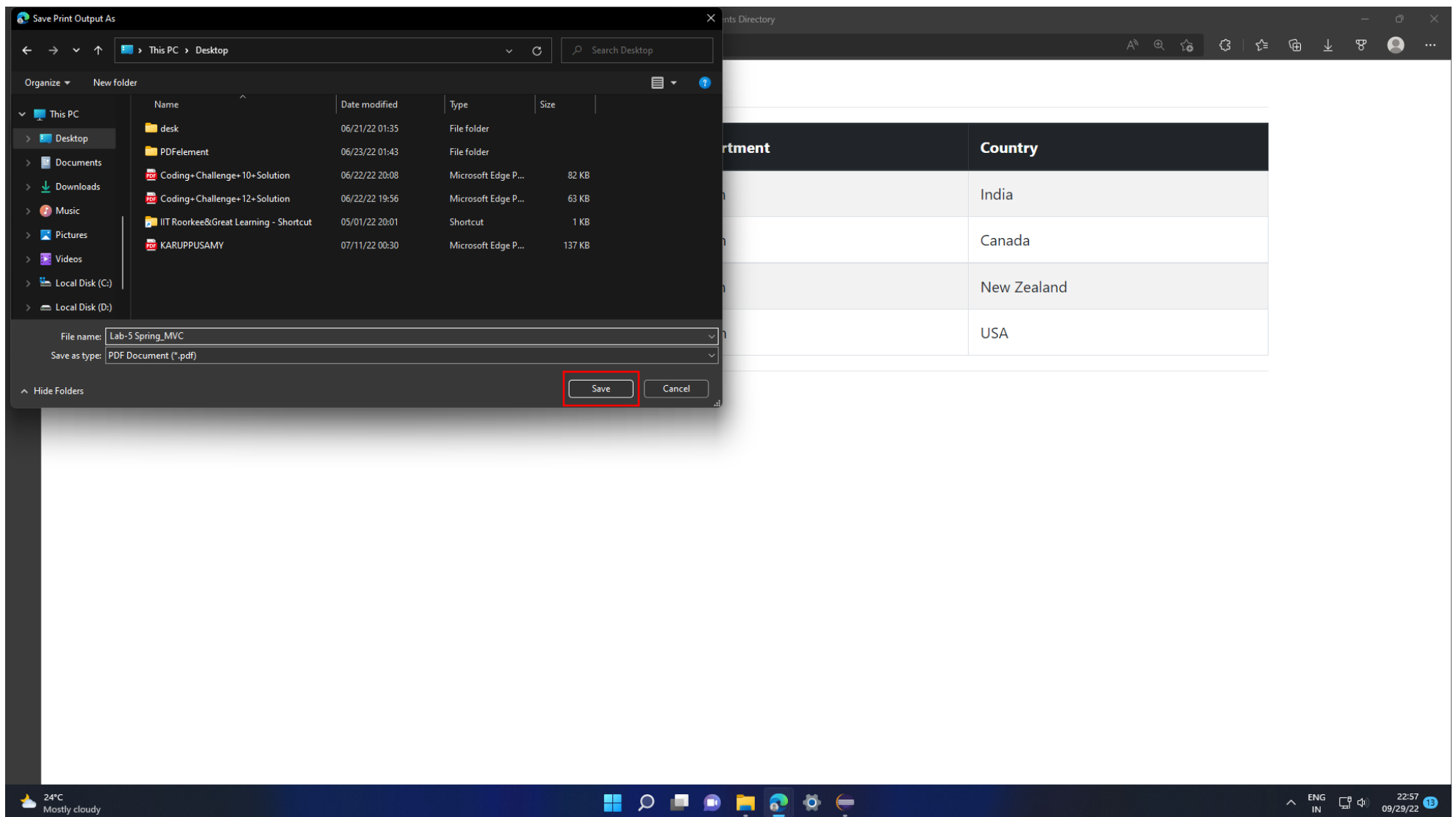
The screenshot shows a web browser window with the address bar displaying `localhost:8080/StudentManagement/student/list`. The page title is "Students Directory". Below the title is a blue button labeled "Add Student". A table with the following columns is displayed: "Student Id", "Name", "Department", "Country", and "Action". The table contains four rows of student data. Each row has "Update" and "Delete" buttons in the "Action" column. Below the table is a green button labeled "Print", which is highlighted with a red rectangle. The browser's address bar at the bottom shows `localhost:8080/StudentManagement/student/print`. The Windows taskbar at the bottom indicates the temperature is 24°C, mostly cloudy, and the time is 22:56 on 09/29/22.

Student Id	Name	Department	Country	Action
1	Suresh	B.Tech	India	<button>Update</button> <button>Delete</button>
2	Muri	B.Arch	Canada	<button>Update</button> <button>Delete</button>
3	Daniel	B.Tech	New Zealand	<button>Update</button> <button>Delete</button>
4	Tanya	B.Com	USA	<button>Update</button> <button>Delete</button>

- This Student Directory need to Print a Student List.
- Then need Click on **Print** button.



- This asks for custom print window, then click Print after selection a printing option.



- If you select a PDF file on printing option, this pop appears, select the destination and file name.
- Then need Click on **Save** button.

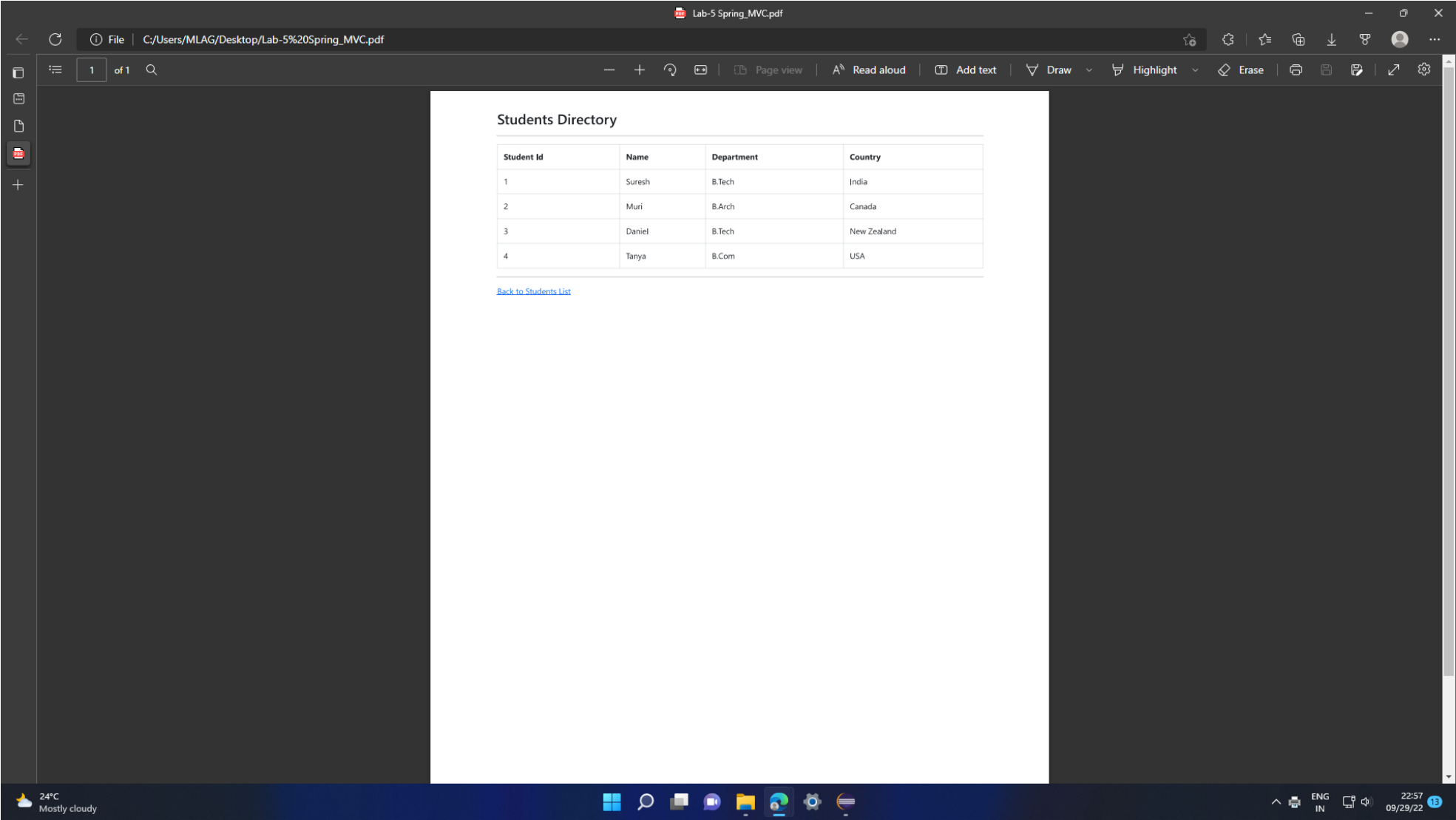
Students Directory

Student Id	Name	Department	Country
1	Suresh	B.Tech	India
2	Muri	B.Arch	Canada
3	Daniel	B.Tech	New Zealand
4	Tanya	B.Com	USA

[Back to Students List](#)

- After the print the pdf this window appears for the Student List in Bowser.

Printed File from Saved Directory



- This Student List in PDF document File in Saved directory.