

# SHRI VAISHNAV VIDYAPEETH VISHWAVIDYALAYA

## SHRI VAISHNAV INSTITUTE OF INFORMATION TECHNOLOGY

Department of Computer Science and Engineering



**Session:** 2019 -20

**Subject Code:** BTCS - 409

**Subject Name:** Advanced Java Programming

**Project:** Fee Report System (using Servlet)

**Submitted To:**

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**Submitted By:**

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# Fee Report System

## Objective:

To develop a Fee Report Application where admin can add/view/edit/delete accountant and accountant can add/view/edit/delete student, check due fee and logout.

## Users of system:

1. Admin.
2. Accountant.

## Functional requirement:

1. Admin: Can add/view/edit/delete accountant and can logout.
2. Accountant: Can add/view/edit/delete students, check due fee and can logout.

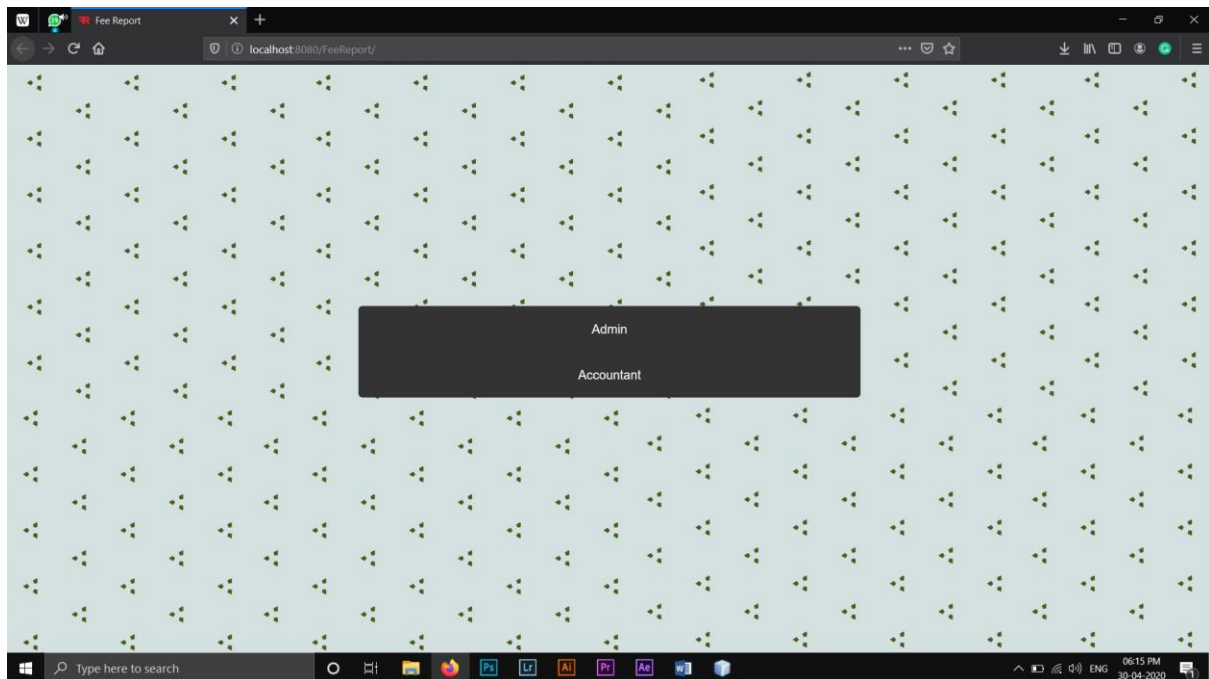
## Tools used:

1. Use NetBeans IDE with Glassfish Server.
2. Apache Derby.

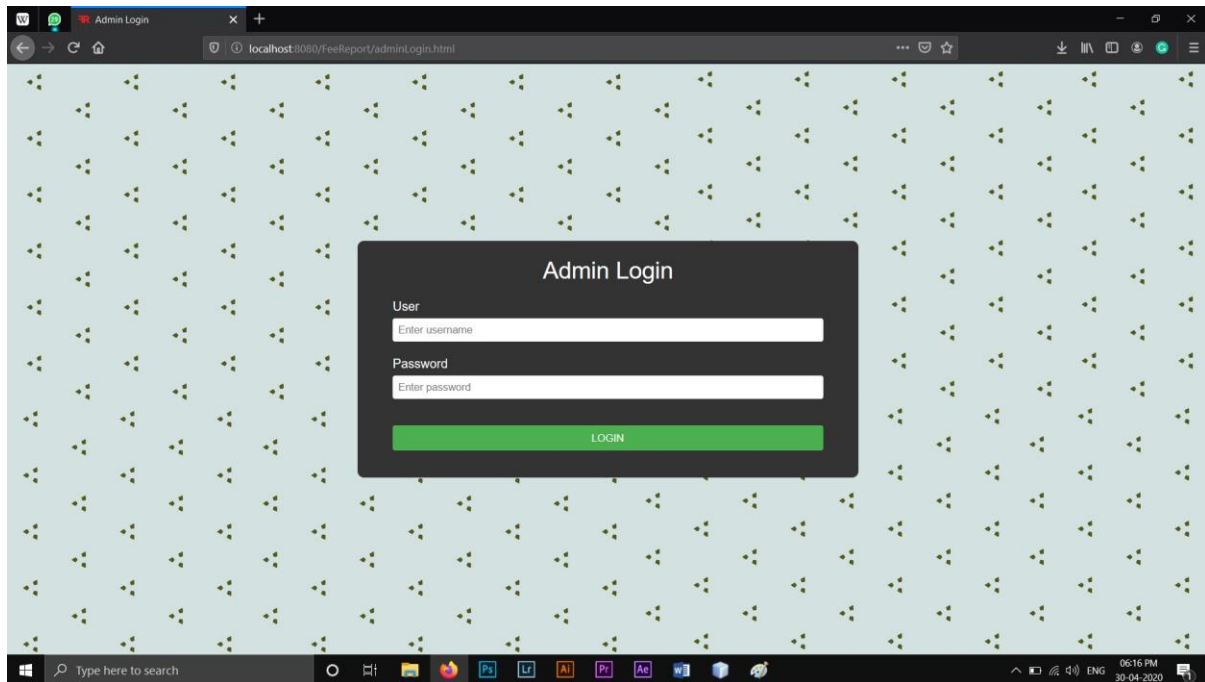
## How project works:

### Screenshots from the application:

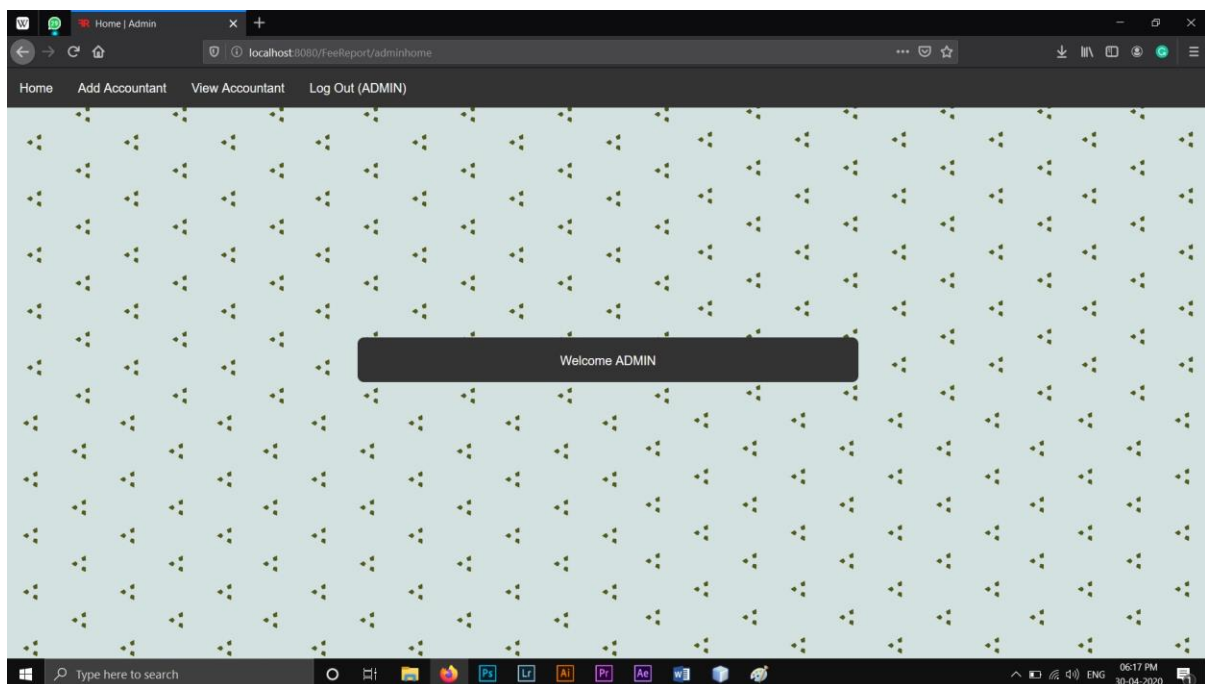
1. Login as admin.



2. Username: admin  
Password: root



3. Now you can add/view/edit/delete Accountant.



4. Enter the following details and click ADD.

The screenshot shows a web browser window with the URL `localhost:8080/FeeReport/addAccountant`. The browser's address bar and navigation buttons are visible. The page has a dark header with links: Home, Add Accountant, View Accountant, and Log Out (ADMIN). The main content area has a light blue background with a repeating pattern of small green icons. In the center, there is a dark gray modal box titled "Add Accountant's Details". Inside this modal, there are six input fields with labels: "Id" (with placeholder "Enter id"), "Name" (with placeholder "Enter name"), "Email" (with placeholder "Enter email"), "Password" (with placeholder "Enter password"), and "Contact no" (with placeholder "Enter contact"). Below these fields is a green button labeled "ADD". The Windows taskbar is visible at the bottom of the screen.

5. Now, you can check the accountant's detail by clicking View Accountant.

The screenshot shows a web browser window with the URL `localhost:8080/FeeReport/ViewAccountantServlet`. The browser's address bar and navigation buttons are visible. The page has a dark header with links: Home, Add Accountant, View Accountant, and Log Out (ADMIN). The main content area has a light blue background with a repeating pattern of small green icons. In the center, there is a dark gray modal box titled "Accountant Details". Inside this modal, there is a table with the following data:

ID	Name	Email	Password	Contact No	Edit	Delete
1	Yash Sharma	yashsharma1859@gmail.com	yash123	6265044484	Edit	Delete
2	Mr. Halfone	mr.halfone@gmail.com	halfone123	6265044484	Edit	Delete
5	Rajan	rajan@gmail.com	rajan123	9876543210	Edit	Delete

The Windows taskbar is visible at the bottom of the screen.

6. You can edit an accountant's details by clicking on Edit button.

The screenshot shows a web browser window with the title 'Edit Accountant' and the URL 'localhost:8080/FeeReport/edit?id=1'. The navigation bar includes 'Home', 'Add Accountant', 'View Accountant', and 'Log Out (ADMIN)'. The main content area features a dark-themed modal form titled 'Edit Accountant's Details'. The form contains the following fields: 'Id' (value: 1), 'Name' (value: Yash Sharma), 'Email' (value: yashsharma1859@gmail.com), 'Password' (masked with dots), and 'Contact no' (value: 6265044484). A green 'UPDATE' button is at the bottom of the form. The background has a repeating pattern of small green icons. The Windows taskbar at the bottom shows the search bar and various application icons, with the system clock indicating 06:20 PM on 30-04-2020.

Home Add Accountant View Accountant Log Out (ADMIN)

### Edit Accountant's Details

Id  
1

Name  
Yash Sharma

Email  
yashsharma1859@gmail.com

Password  
\*\*\*\*\*

Contact no  
6265044484

UPDATE

7. After Logging out, you can log in as an accountant.

The screenshot shows a web browser window with the title 'Accountant Login' and the URL 'localhost:8080/FeeReport/accountantLogin.html'. The main content area features a dark-themed modal form titled 'Accountant Login'. The form contains the following fields: 'Username' (placeholder: Enter email) and 'Password' (placeholder: Enter password). A green 'LOGIN' button is at the bottom of the form. The background has a repeating pattern of small green icons. The Windows taskbar at the bottom shows the search bar and various application icons, with the system clock indicating 06:39 PM on 30-04-2020.

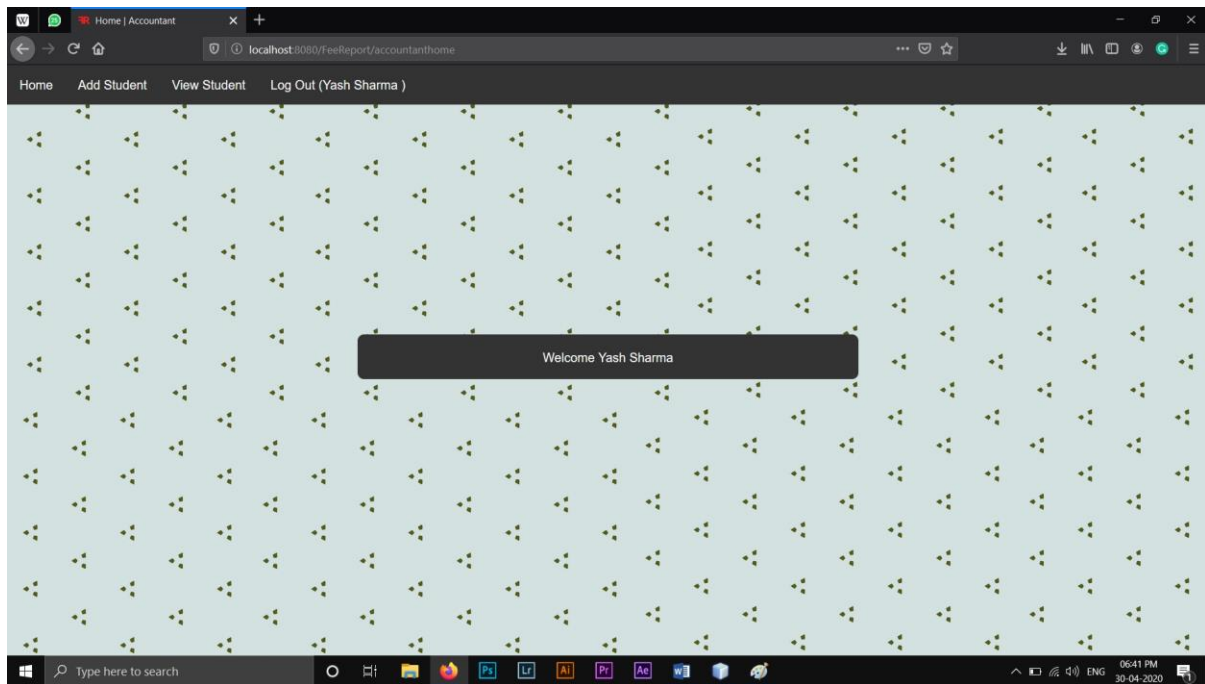
### Accountant Login

Username  
Enter email

Password  
Enter password

LOGIN

8. Now you can add/view/edit/delete Student's detail.

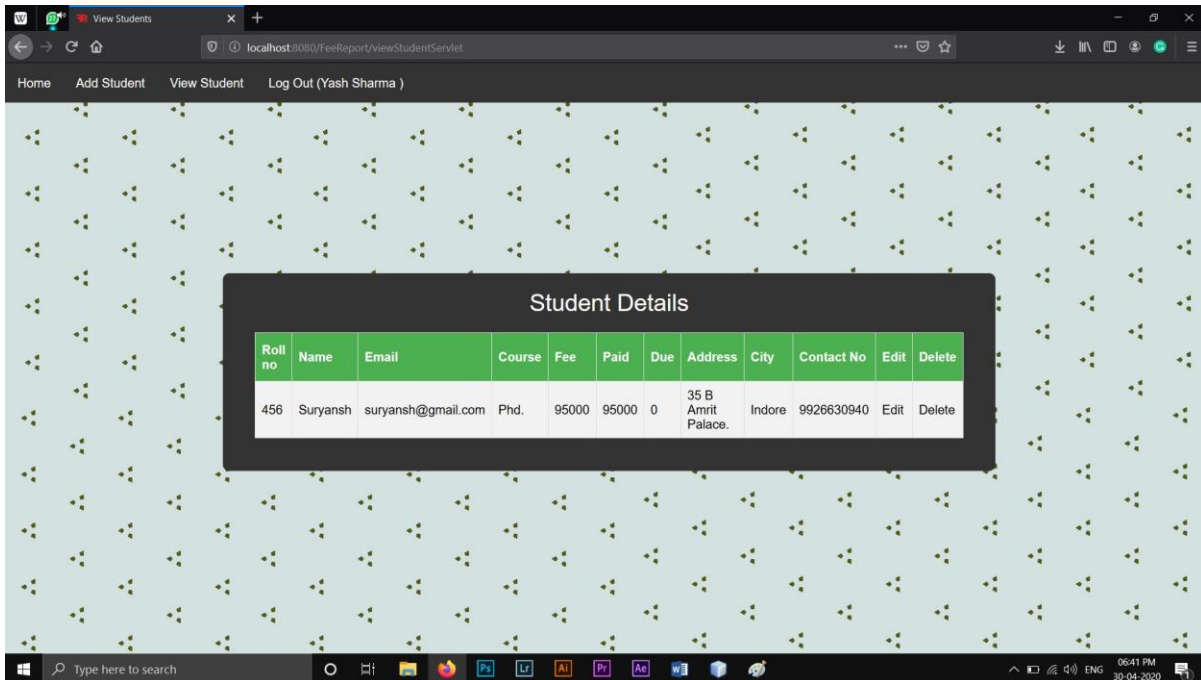


9. Enter the following details and click ADD.

The screenshot shows the same web browser window, but the URL is `localhost:8080/FeeReport/addStudent`. The navigation bar remains the same. The main content area features a dark gray modal form titled "Add Student's Details". The form contains several input fields, each with a label and a placeholder text: "Roll no" (placeholder: "Enter roll no"), "Name" (placeholder: "Enter name"), "Email" (placeholder: "Enter email"), "Course" (placeholder: "Enter course"), "Total Fee" (placeholder: "Enter total fee"), "Fee Paid" (placeholder: "Enter fee paid"), and "Address" (placeholder: "Enter address"). Each input field is a white rectangle with a dark border. The form is centered on the page. The Windows taskbar and system clock are identical to the previous screenshot.



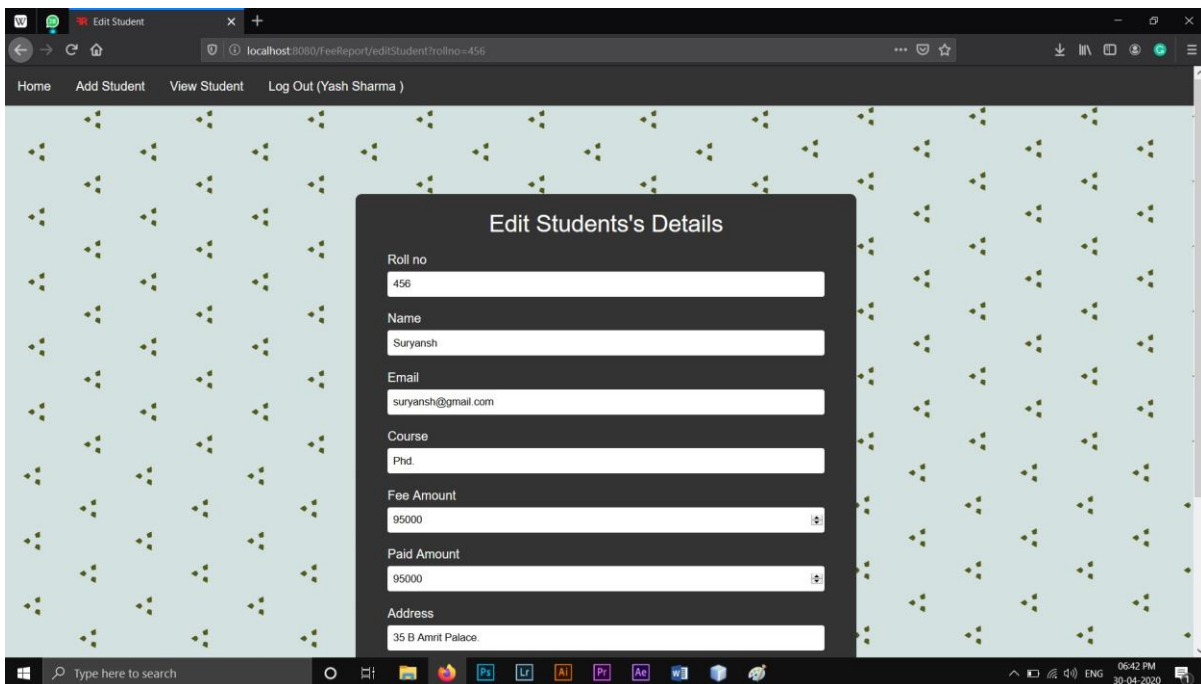
10. Now, you can check the Student's detail by clicking View Student.



The screenshot shows a web browser window with the URL `localhost:8080/FeeReport/viewStudentServlet`. The navigation bar includes links for Home, Add Student, View Student, and Log Out (Yash Sharma). The main content area displays a modal titled "Student Details" containing a table with the following data:

Roll no	Name	Email	Course	Fee	Paid	Due	Address	City	Contact No	Edit	Delete
456	Suryansh	suryansh@gmail.com	Phd.	95000	95000	0	35 B Amrit Palace.	Indore	9926630940	Edit	Delete

11. You can edit an student's details by clicking on Edit button.

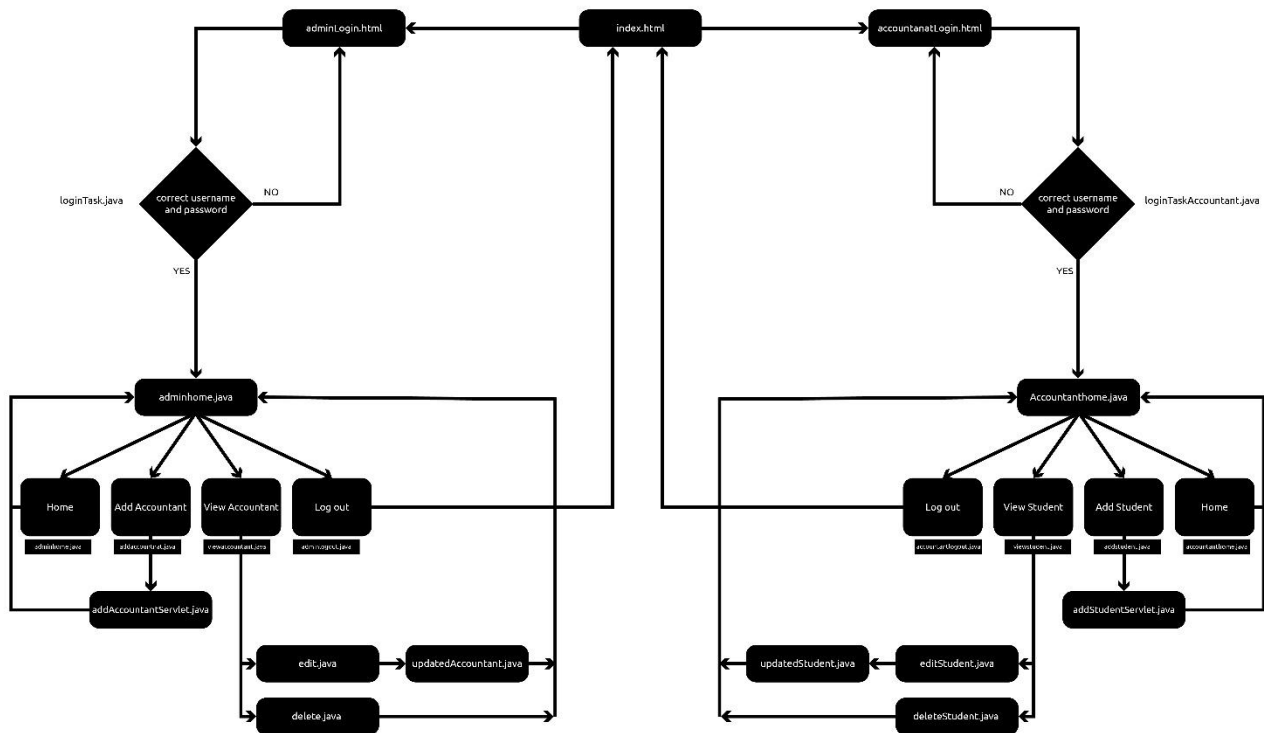


The screenshot shows a web browser window with the URL `localhost:8080/FeeReport/editStudent?rollno=456`. The navigation bar is the same as the previous screenshot. The main content area displays a modal titled "Edit Students's Details" with the following form fields:

- Roll no: 456
- Name: Suryansh
- Email: suryansh@gmail.com
- Course: Phd.
- Fee Amount: 95000
- Paid Amount: 95000
- Address: 35 B Amrit Palace

## Activity diagram

### Activity Diagram



Designed by: Yash Sharma

The application is developed for maintaining student's information in schools, colleges, and coaching. The user interface is very simple, so that the user can easily interact with the application and complete his task.