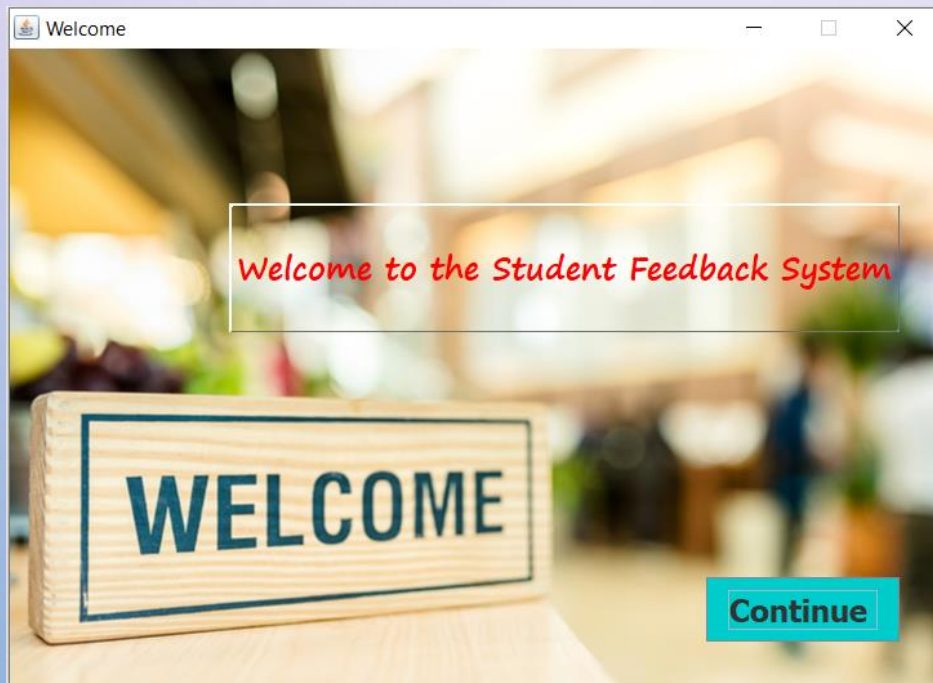


OVERVIEW OF PROJECT

Project : Student Feedback System

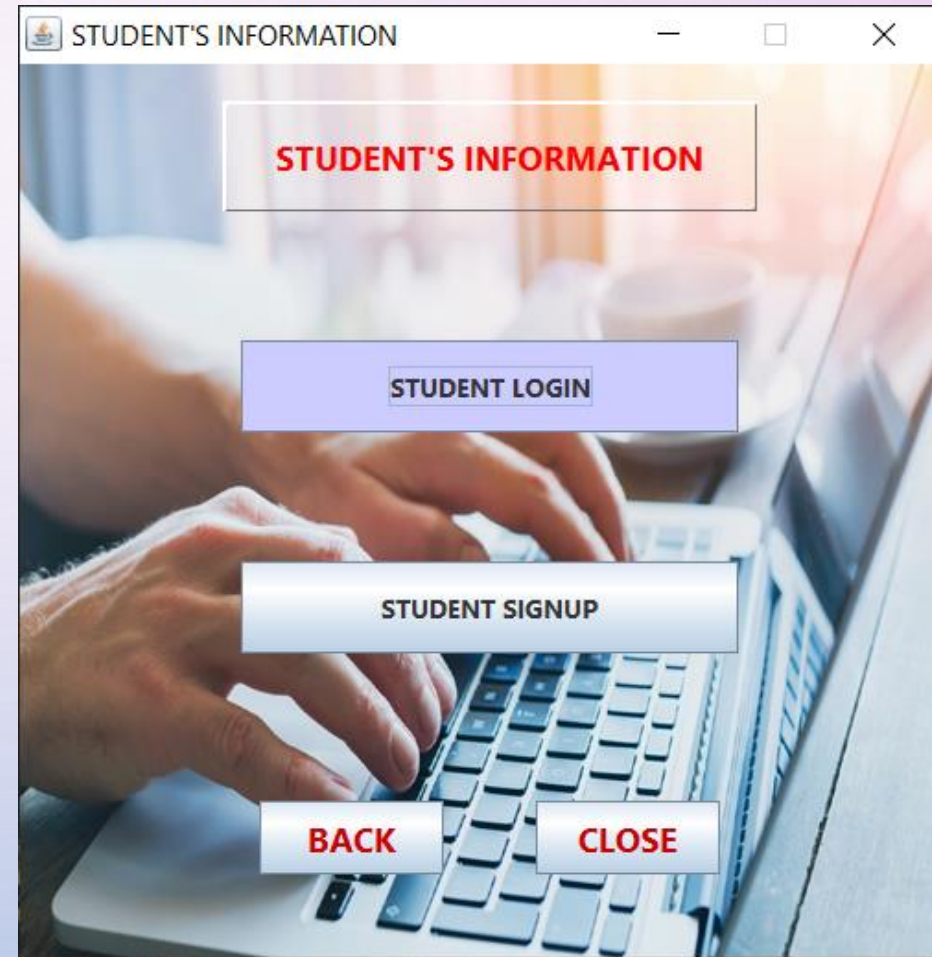
- This project is a JAVA based GUI application with back-end controlled by JDBC.
- Database used: MySQL
- The project Student Feedback System consist of JFrame windows having student feedback form regarding the Institution and regarding the faculty. So, the students can give their feedback easily by selecting the appropriate grade.
- This project is made to replace the currently ongoing traditional paper method of feedback.



WORKING OF PROJECT :

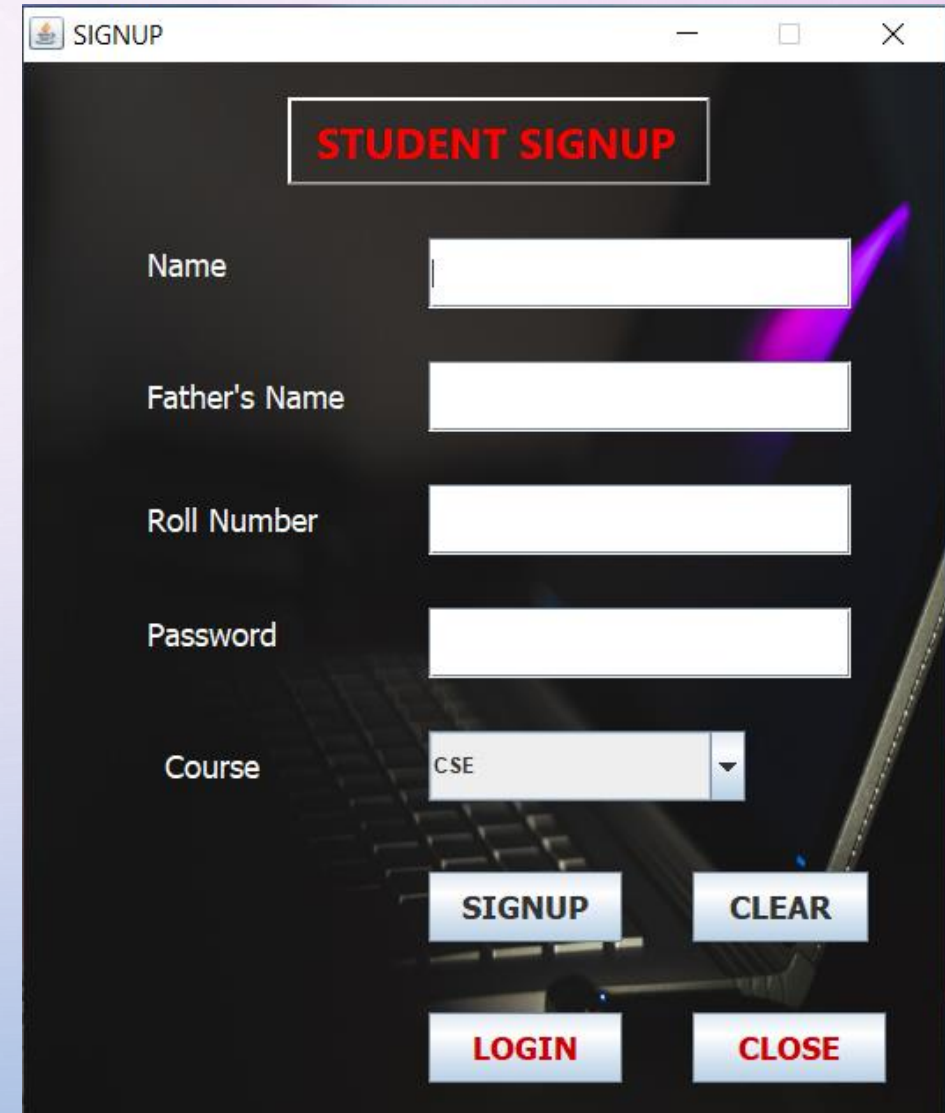
(Student's Information Window)

- At first Welcome window appears
- After clicking Continue button,
Student's Information window appears
- Already registered students click on login
- New students click on Signup for registration



SIGNUP WINDOW :

- In Signup window Students can fill all the required information.
- After filling of information click on Signup button to complete registration.
- There is also some constraints that if a student keep any information empty or fills in incorrect format the it shows error message.

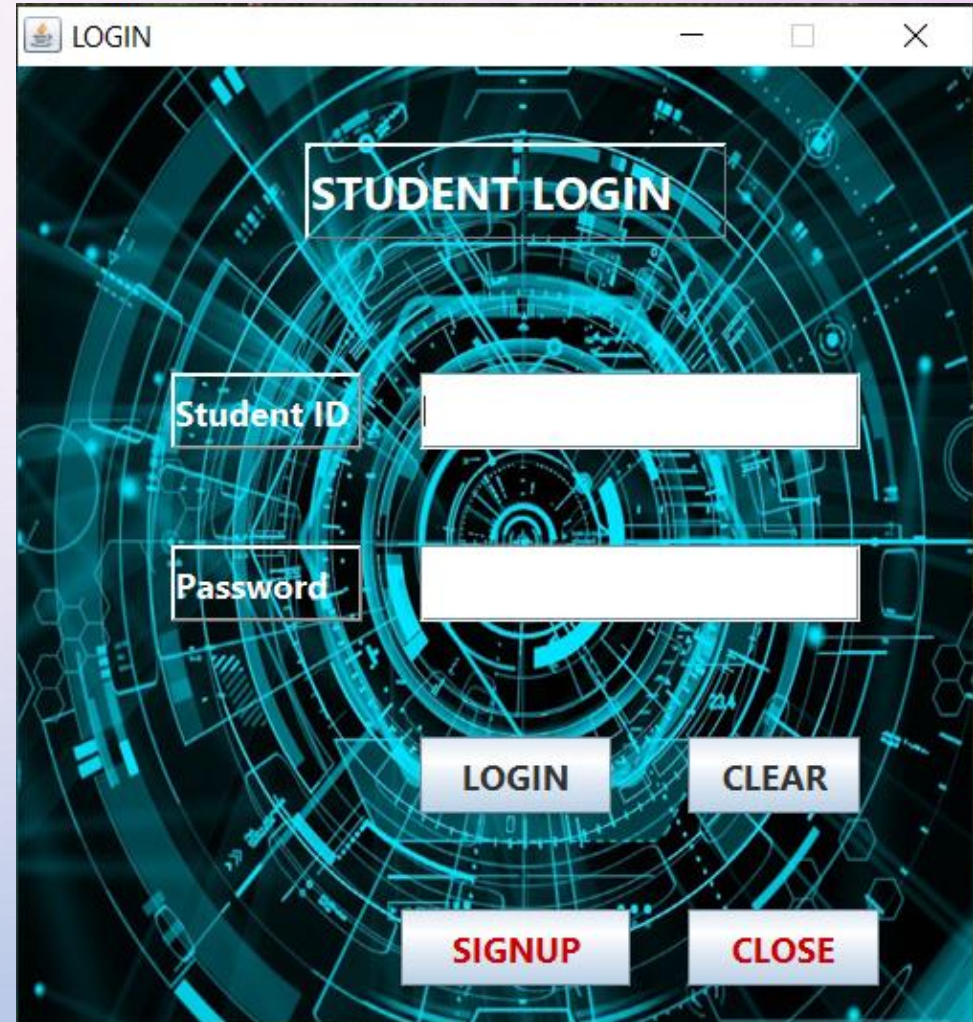


The image shows a software window titled "SIGNUP". Inside the window, there is a section titled "STUDENT SIGNUP" in red text. Below this title, there are five input fields: "Name", "Father's Name", "Roll Number", "Password", and "Course". The "Course" field is a dropdown menu currently showing "CSE". At the bottom of the window, there are four buttons: "SIGNUP", "CLEAR", "LOGIN", and "CLOSE". The "SIGNUP" and "CLEAR" buttons are light blue with black text, while the "LOGIN" and "CLOSE" buttons are white with red text. The background of the window is dark with a faint image of a keyboard.

STUDENT SIGNUP	
Name	<input type="text"/>
Father's Name	<input type="text"/>
Roll Number	<input type="text"/>
Password	<input type="password"/>
Course	<input type="text" value="CSE"/>
<div><div>SIGNUP</div><div>CLEAR</div><div>LOGIN</div><div>CLOSE</div></div>	

LOGIN WINDOW :

- In Login window Students can fill all the required information.
- After filling of information click on Login button to complete Login process to submit the feedback.
- There is also some constraints that if a student keep any information empty or fills in incorrect format the it shows error message.
- The error message shown is “Empty field” or “Username and password not matched”.



The image shows a screenshot of a web application window titled "LOGIN". The window has a dark blue background with a futuristic, circular, circuit-like pattern. In the center, there is a white rectangular area containing the following elements:

- A title "STUDENT LOGIN" in bold white text, enclosed in a white border.
- A label "Student ID" in bold white text, followed by a white input field.
- A label "Password" in bold white text, followed by a white input field.
- Two buttons: "LOGIN" and "CLEAR", both in white text on a dark blue background.
- Two buttons: "SIGNUP" and "CLOSE", both in white text on a dark blue background.

Working of the Project Application (Institute Evaluation Window)

- This is Institute Evaluation window of the project Student Feedback System in which student can give their feedback about the Institute in which they are studying.
- Students can easily evaluate the institute by entering their Course Name & Session.
- Students can select the appropriate grade on the basis of factors given.
- When Submit button is clicked then the feedback is saved to the database.
- When Next button is clicked then we go to the faculty evaluation window.
- Close button is clicked for closing the window.

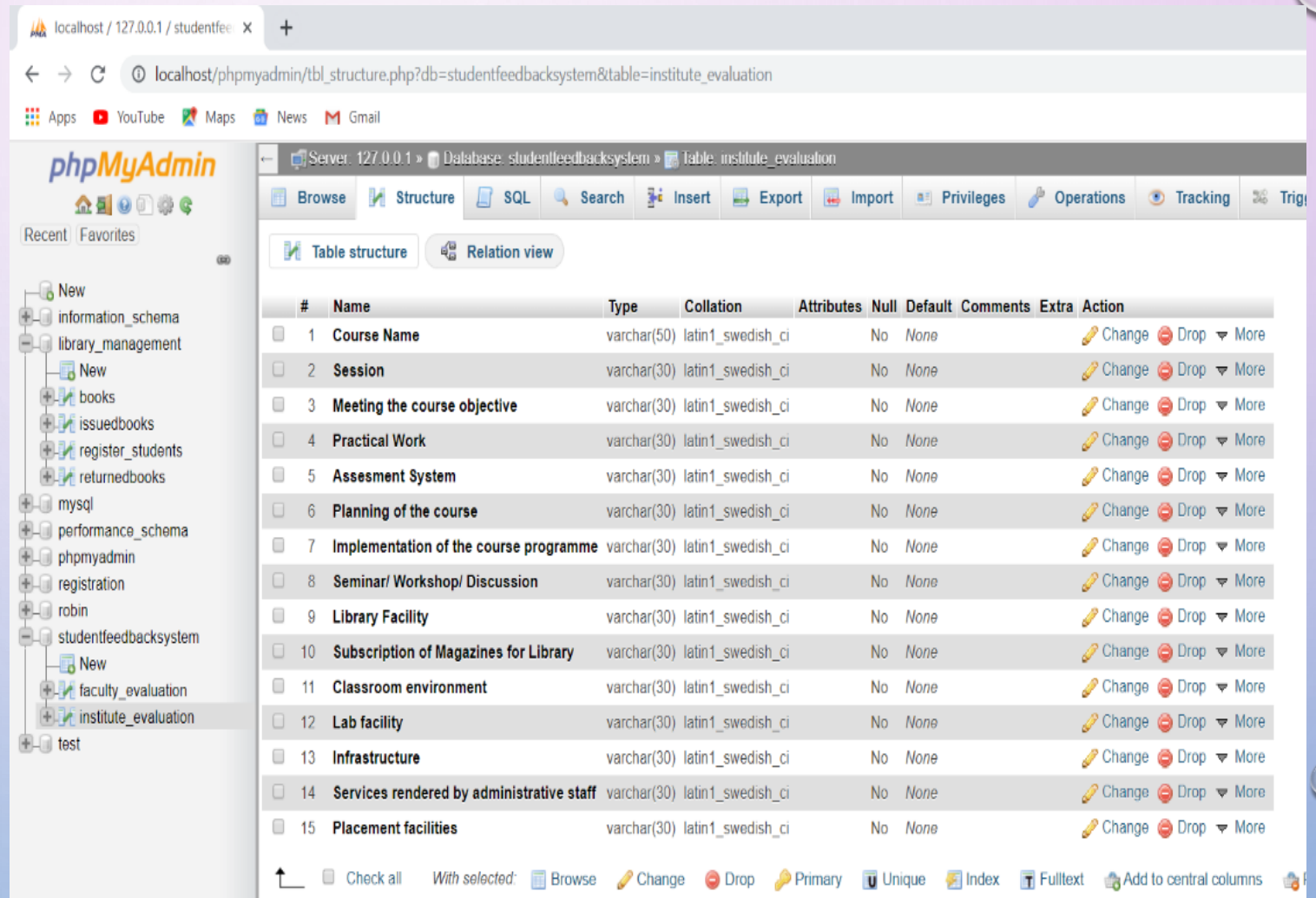
The screenshot displays a web application window titled "Institute Evaluation". At the top, there is a banner with five icons representing different feedback levels (thumbs up, neutral, happy, sad, thumbs down) and the word "FEEDBACK" in large blue letters. Below the banner, the title "STUDENT FEEDBACK FORM" is centered in red. The form includes two input fields: "Course Name" with a dropdown menu currently showing "CSE", and "Session" with an empty text box. A green instruction line reads: "A.Institute Evaluation (Please provide your honest evaluation about the standard of Institute)". Below this, the form is organized into two columns: "Factors" and "Grade". The "Factors" column lists 13 items, and the "Grade" column provides four radio button options for each: "Poor", "Satisfactory", "Good", and "Excellent". At the bottom right, there are three buttons: "Submit", "Next", and "Close".

Factors	Grade
1.Meeting the course objective	<input type="radio"/> Poor <input type="radio"/> Satisfactory <input type="radio"/> Good <input type="radio"/> Excellent
2.Practical Work	<input type="radio"/> Poor <input type="radio"/> Satisfactory <input type="radio"/> Good <input type="radio"/> Excellent
3.Assement System	<input type="radio"/> Poor <input type="radio"/> Satisfactory <input type="radio"/> Good <input type="radio"/> Excellent
4.Planning of the course	<input type="radio"/> Poor <input type="radio"/> Satisfactory <input type="radio"/> Good <input type="radio"/> Excellent
5.Implementation of the course programme	<input type="radio"/> Poor <input type="radio"/> Satisfactory <input type="radio"/> Good <input type="radio"/> Excellent
6.Seminar/Workshop/Discussion	<input type="radio"/> Poor <input type="radio"/> Satisfactory <input type="radio"/> Good <input type="radio"/> Excellent
7.Library Facility	<input type="radio"/> Poor <input type="radio"/> Satisfactory <input type="radio"/> Good <input type="radio"/> Excellent
8.Subscription of Magazines for Library	<input type="radio"/> Poor <input type="radio"/> Satisfactory <input type="radio"/> Good <input type="radio"/> Excellent
9.Classroom environment	<input type="radio"/> Poor <input type="radio"/> Satisfactory <input type="radio"/> Good <input type="radio"/> Excellent
10.Lab facility	<input type="radio"/> Poor <input type="radio"/> Satisfactory <input type="radio"/> Good <input type="radio"/> Excellent
11.Infrastructure	<input type="radio"/> Poor <input type="radio"/> Satisfactory <input type="radio"/> Good <input type="radio"/> Excellent
12.Services rendered by administrative staff	<input type="radio"/> Poor <input type="radio"/> Satisfactory <input type="radio"/> Good <input type="radio"/> Excellent
13.Placement facilities	<input type="radio"/> Poor <input type="radio"/> Satisfactory <input type="radio"/> Good <input type="radio"/> Excellent

Submit Next Close

DATABASE TABLE FOR INSTITUTE EVALUATION

The database table for the institute evaluation is shown here having different columns for different factors of feedback with their attributes.

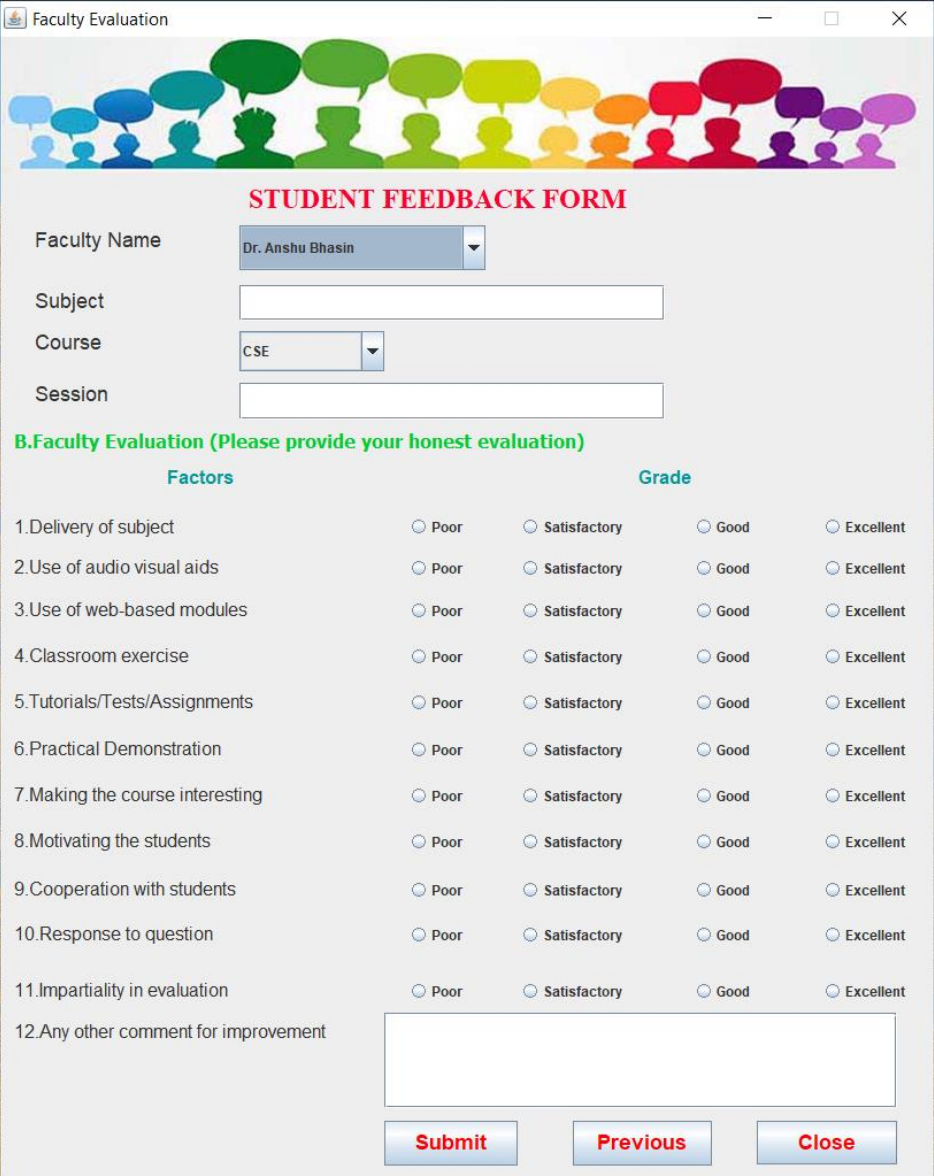


The screenshot shows the phpMyAdmin interface for a database named 'studentfeedbacksystem'. The 'institute_evaluation' table is selected, and its structure is displayed. The table has 15 columns, each representing a different factor of feedback. The columns are: Course Name, Session, Meeting the course objective, Practical Work, Assesment System, Planning of the course, Implementation of the course programme, Seminar/ Workshop/ Discussion, Library Facility, Subscription of Magazines for Library, Classroom environment, Lab facility, Infrastructure, Services rendered by administrative staff, and Placement facilities. Each column is of type 'varchar(30)' with 'latin1_swedish_ci' collation, and is not null with no default value. The interface includes a sidebar with a tree view of the database structure, a top navigation bar with various tools like Browse, Structure, SQL, Search, Insert, Export, Import, Privileges, Operations, Tracking, and Triggers, and a bottom toolbar with actions like Check all, With selected, Browse, Change, Drop, Primary, Unique, Index, Fulltext, and Add to central columns.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	Course Name	varchar(50)	latin1_swedish_ci		No	None			Change Drop More
2	Session	varchar(30)	latin1_swedish_ci		No	None			Change Drop More
3	Meeting the course objective	varchar(30)	latin1_swedish_ci		No	None			Change Drop More
4	Practical Work	varchar(30)	latin1_swedish_ci		No	None			Change Drop More
5	Assesment System	varchar(30)	latin1_swedish_ci		No	None			Change Drop More
6	Planning of the course	varchar(30)	latin1_swedish_ci		No	None			Change Drop More
7	Implementation of the course programme	varchar(30)	latin1_swedish_ci		No	None			Change Drop More
8	Seminar/ Workshop/ Discussion	varchar(30)	latin1_swedish_ci		No	None			Change Drop More
9	Library Facility	varchar(30)	latin1_swedish_ci		No	None			Change Drop More
10	Subscription of Magazines for Library	varchar(30)	latin1_swedish_ci		No	None			Change Drop More
11	Classroom environment	varchar(30)	latin1_swedish_ci		No	None			Change Drop More
12	Lab facility	varchar(30)	latin1_swedish_ci		No	None			Change Drop More
13	Infrastructure	varchar(30)	latin1_swedish_ci		No	None			Change Drop More
14	Services rendered by administrative staff	varchar(30)	latin1_swedish_ci		No	None			Change Drop More
15	Placement facilities	varchar(30)	latin1_swedish_ci		No	None			Change Drop More

Working of the Project Application (Faculty Evaluation Window)

- This is the next window of the project Student Feedback System in which student can give their feedback about the faculty who is teaching them.
- Students can easily evaluate the faculty by entering their Faculty Name, Subject taught, Course Name & Session.
- Students can select the appropriate grade on the basis of factors given.
- When Submit button is clicked then the feedback is saved to the database.
- When Previous button is clicked then we go to the Institute evaluation window.
- Close button is clicked for closing the window.



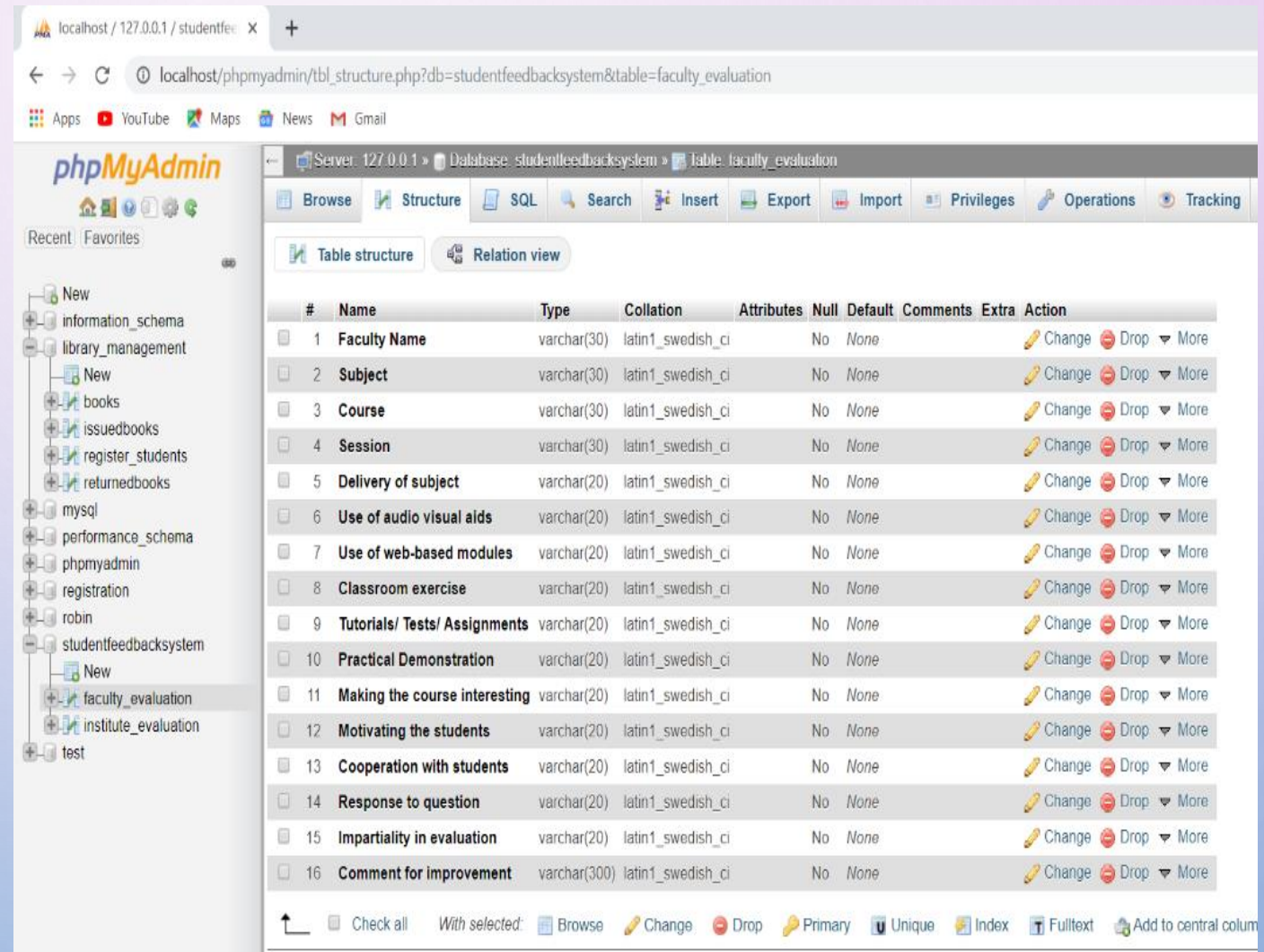
The screenshot displays a web application window titled "Faculty Evaluation". At the top, there is a decorative header with a row of colorful silhouettes of people. Below this, the form is titled "STUDENT FEEDBACK FORM" in red. The form contains several input fields: "Faculty Name" (a dropdown menu showing "Dr. Anshu Bhasin"), "Subject" (a text input field), "Course" (a dropdown menu showing "CSE"), and "Session" (a text input field). Below these fields, there is a section titled "B.Faculty Evaluation (Please provide your honest evaluation)" in green. This section contains a table with two columns: "Factors" and "Grade". The "Factors" column lists 12 items, and the "Grade" column has four radio button options: "Poor", "Satisfactory", "Good", and "Excellent". At the bottom of the form, there is a text input field for "12.Any other comment for improvement" and three buttons: "Submit", "Previous", and "Close".

Factors	Grade
1.Delivery of subject	<input type="radio"/> Poor <input type="radio"/> Satisfactory <input type="radio"/> Good <input type="radio"/> Excellent
2.Use of audio visual aids	<input type="radio"/> Poor <input type="radio"/> Satisfactory <input type="radio"/> Good <input type="radio"/> Excellent
3.Use of web-based modules	<input type="radio"/> Poor <input type="radio"/> Satisfactory <input type="radio"/> Good <input type="radio"/> Excellent
4.Classroom exercise	<input type="radio"/> Poor <input type="radio"/> Satisfactory <input type="radio"/> Good <input type="radio"/> Excellent
5.Tutorials/Tests/Assignments	<input type="radio"/> Poor <input type="radio"/> Satisfactory <input type="radio"/> Good <input type="radio"/> Excellent
6.Practical Demonstration	<input type="radio"/> Poor <input type="radio"/> Satisfactory <input type="radio"/> Good <input type="radio"/> Excellent
7.Making the course interesting	<input type="radio"/> Poor <input type="radio"/> Satisfactory <input type="radio"/> Good <input type="radio"/> Excellent
8.Motivating the students	<input type="radio"/> Poor <input type="radio"/> Satisfactory <input type="radio"/> Good <input type="radio"/> Excellent
9.Cooperation with students	<input type="radio"/> Poor <input type="radio"/> Satisfactory <input type="radio"/> Good <input type="radio"/> Excellent
10.Response to question	<input type="radio"/> Poor <input type="radio"/> Satisfactory <input type="radio"/> Good <input type="radio"/> Excellent
11.Impartiality in evaluation	<input type="radio"/> Poor <input type="radio"/> Satisfactory <input type="radio"/> Good <input type="radio"/> Excellent
12.Any other comment for improvement	<input type="text"/>

Submit Previous Close

DATABASE TABLE FOR FACULTY EVALUATION

The database table for the Faculty evaluation is shown here having different columns for different factors of feedback with their attributes.



localhost / 127.0.0.1 / studentfee x +

localhost/phpmyadmin/tbl_structure.php?db=studentfeedbacksystem&table=faculty_evaluation

Apps YouTube Maps News Gmail

phpMyAdmin

Recent Favorites

Server: 127.0.0.1 » Database: studentfeedbacksystem » Table: faculty_evaluation

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking

Table structure Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	Faculty Name	varchar(30)	latin1_swedish_ci		No	None			Change Drop More
2	Subject	varchar(30)	latin1_swedish_ci		No	None			Change Drop More
3	Course	varchar(30)	latin1_swedish_ci		No	None			Change Drop More
4	Session	varchar(30)	latin1_swedish_ci		No	None			Change Drop More
5	Delivery of subject	varchar(20)	latin1_swedish_ci		No	None			Change Drop More
6	Use of audio visual aids	varchar(20)	latin1_swedish_ci		No	None			Change Drop More
7	Use of web-based modules	varchar(20)	latin1_swedish_ci		No	None			Change Drop More
8	Classroom exercise	varchar(20)	latin1_swedish_ci		No	None			Change Drop More
9	Tutorials/ Tests/ Assignments	varchar(20)	latin1_swedish_ci		No	None			Change Drop More
10	Practical Demonstration	varchar(20)	latin1_swedish_ci		No	None			Change Drop More
11	Making the course interesting	varchar(20)	latin1_swedish_ci		No	None			Change Drop More
12	Motivating the students	varchar(20)	latin1_swedish_ci		No	None			Change Drop More
13	Cooperation with students	varchar(20)	latin1_swedish_ci		No	None			Change Drop More
14	Response to question	varchar(20)	latin1_swedish_ci		No	None			Change Drop More
15	Impartiality in evaluation	varchar(20)	latin1_swedish_ci		No	None			Change Drop More
16	Comment for improvement	varchar(300)	latin1_swedish_ci		No	None			Change Drop More

Check all With selected: Browse Change Drop Primary Unique Index Fulltext Add to central column

After clicking on Submit button feedback submitted successfully message appears & the feedback is saved to the database.

Institute Evaluation

FEEDBACK

STUDENT FEEDBACK FORM

Course Name: B.Tech(CSE)

Session: 2017-21

A.Institute Evaluation (Please provide your honest evaluation about the standard of Institute)

Factors	Grade			
1.Meeting the course objective	<input type="radio"/> Poor	<input type="radio"/> Satisfactory	<input checked="" type="radio"/> Good	<input type="radio"/> Excellent
2.Practical Work	<input type="radio"/> Poor	<input checked="" type="radio"/> Satisfactory	<input type="radio"/> Good	<input type="radio"/> Excellent
3.Assement System	<input type="radio"/> Poor	<input type="radio"/> Satisfactory	<input type="radio"/> Good	<input checked="" type="radio"/> Excellent
4.Planning of the course	<input type="radio"/> Poor	<input type="radio"/> Satisfactory	<input checked="" type="radio"/> Good	<input type="radio"/> Excellent
5.Implementation of the course	<input type="radio"/> Poor	<input type="radio"/> Satisfactory	<input checked="" type="radio"/> Good	<input type="radio"/> Excellent
6.Seminar/Workshop/Discussion	<input type="radio"/> Poor	<input checked="" type="radio"/> Satisfactory	<input type="radio"/> Good	<input type="radio"/> Excellent
7.Library Facility	<input type="radio"/> Poor	<input type="radio"/> Satisfactory	<input checked="" type="radio"/> Good	<input type="radio"/> Excellent
8.Subscription of Magazines for Library	<input type="radio"/> Poor	<input type="radio"/> Satisfactory	<input type="radio"/> Good	<input checked="" type="radio"/> Excellent
9.Classroom environment	<input type="radio"/> Poor	<input type="radio"/> Satisfactory	<input checked="" type="radio"/> Good	<input type="radio"/> Excellent
10.Lab facility	<input type="radio"/> Poor	<input type="radio"/> Satisfactory	<input type="radio"/> Good	<input checked="" type="radio"/> Excellent
11.Infrastructure	<input type="radio"/> Poor	<input type="radio"/> Satisfactory	<input checked="" type="radio"/> Good	<input type="radio"/> Excellent
12.Services rendered by administrative staff	<input checked="" type="radio"/> Poor	<input type="radio"/> Satisfactory	<input type="radio"/> Good	<input type="radio"/> Excellent
13.Placement facilities	<input type="radio"/> Poor	<input checked="" type="radio"/> Satisfactory	<input type="radio"/> Good	<input type="radio"/> Excellent

Submit **Next** **Close**

Message
Institute Feedback Submitted Successfully
OK

Faculty Evaluation

STUDENT FEEDBACK FORM

Faculty Name: XYZ

Subject: ABC

Course: B.Tech (CSE)

Session: 2017-21

B.Faculty Evaluation (Please provide your honest evaluation)

Factors	Grade			
1.Delivery of subject	<input type="radio"/> Poor	<input type="radio"/> Satisfactory	<input checked="" type="radio"/> Good	<input type="radio"/> Excellent
2.Use of audio visual aids	<input type="radio"/> Poor	<input type="radio"/> Satisfactory	<input type="radio"/> Good	<input type="radio"/> Excellent
3.Use of web-based materials	<input type="radio"/> Poor	<input type="radio"/> Satisfactory	<input checked="" type="radio"/> Good	<input type="radio"/> Excellent
4.Classroom exercise	<input type="radio"/> Poor	<input type="radio"/> Satisfactory	<input checked="" type="radio"/> Good	<input type="radio"/> Excellent
5.Tutorials/Tests/Assignments	<input type="radio"/> Poor	<input checked="" type="radio"/> Satisfactory	<input type="radio"/> Good	<input type="radio"/> Excellent
6.Practical Demonstration	<input type="radio"/> Poor	<input checked="" type="radio"/> Satisfactory	<input type="radio"/> Good	<input type="radio"/> Excellent
7.Making the course interesting	<input type="radio"/> Poor	<input type="radio"/> Satisfactory	<input checked="" type="radio"/> Good	<input type="radio"/> Excellent
8.Motivating the students	<input type="radio"/> Poor	<input type="radio"/> Satisfactory	<input type="radio"/> Good	<input checked="" type="radio"/> Excellent
9.Cooperation with students	<input type="radio"/> Poor	<input type="radio"/> Satisfactory	<input type="radio"/> Good	<input checked="" type="radio"/> Excellent
10.Response to question	<input type="radio"/> Poor	<input type="radio"/> Satisfactory	<input checked="" type="radio"/> Good	<input type="radio"/> Excellent
11.Impartiality in evaluation	<input type="radio"/> Poor	<input type="radio"/> Satisfactory	<input checked="" type="radio"/> Good	<input type="radio"/> Excellent
12.Any other comment for improvement	<input type="text" value="No, Thank you"/>			

Submit **Previous** **Close**

Message
Faculty Feedback Submitted Successfully
OK

Components used in the project

- IDE used in this project is NetBeans.
- The Java Swing components used in the project are JFrames, JLabels, JTextField, JTextBox, JCalender, JDateChooser, JComboBox, JRadioButtttons, JButtons, etc.
- The concepts of Java Programming is used for performing different functions such as Inheritance, exception handling, ActionListener, etc.
- JDBC Connectivity is used for the connection of the project with database for storing the data.
- mysql-connector-java-8.0.15 is used for Java Database Connectivity (JDBC) with MySQL database.

THANKS

