### JAVA SWING BASED – TWITTER POSTS FEEDBACK RETRIVAL SYSTEM-SQL CONNECTIVITY USING JDBC

*A*

*Report*

*Submitted in partial fulfilment of the Requirements for the award of the Degree of*

***BACHELOR OF TECHNOLOGY***

***IN***

#### INFORMATION TECHNOLOGY

By

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##### Under the Guidance of

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BONAFIDE CERTIFICATE

This to Certify that the project report titled “TWITTER POSTS FEEDBACK RETRIVAL SYSTEM” project work of DANDU SRIJA bearing Roll.no:1602-20-737-045 who carried out this project under my supervision in the IV semester for the academic year 2019-2020.

*Signature Signature*

*external examiner internal examiner*

**ABSTRACT:**

In this project we have to find the type of posts in twitter and identify the feedback from comments. We will be able to identify whether the post is worth reading or not by rating system. If the post is having more positive comments than negative comments then it is considered as good post. From the comments which comments are having high number of likes is considered as feedback. To implement this and to display all the data on the screen we need to build the database with details of posts, comments and number of likes as backend database. To build this portal, we are using SQL for the backend and java for the frontend part.

# Introduction:

**REQUIREMENT ANALYSIS:**

**List of Tables:**

* User\_details
* Post\_type
* Comments
* Posts
* gives

**List of Attributes with their Domain Types:**

**User\_detalis:**

* Email(varchar2)
* Pno(varchar)
* Uid(varchar2)

**Post\_type:**

* Ptype(varchar2)
* Pid(varchar)

**Comments:**

* Pid(varchar)
* Feedback(varchar2)

**Posts:**

* Uid(varchar2)
* Pid(varchar)

**Gives:**

* Pid(varchar)

1.CREATE TABLE user\_details(

Email varchar2(30),

Pno varchar2(15),

Uid varchar2(15),

Setting uid as primary key:

Alter table user\_details add primary key(uid);

2.CREATE TABLE post\_type(

pid varchar2(20),

ptype varchar2(15),

Setting pid as primary key.

ALTER TABLE post\_type add primary key(pid);

3.CREATE TABLE comment(

Pid varchar(20) primary key,

Feedback varchar(100));

4.CREATE TABLE posts(pid varchar(20) foreign key,uid varchar(20) foreign key);

**THROUGH THE PROJECT:**

This project helps to store data in a efficient way and it can be achieved through various sql commands and we can also store this for any future use and also we can save our data in a many different areas so we cannot lost all the data at once. This project stores details ,feedback and change edit the user details which are stored in database so that whenever it is necessary to know feedback of the posts we can use.

**ARCHITECTURE AND TECHNOLOGY USED:**

### SOFTWARE USED:

Java Eclipse, Oracle 11g Database, Java SE version 8, SQL Plus.

### Java SWING:

**Swing** is a GUI widget toolkit for Java. It is part of Oracle's Java Foundation Classes (JFC) – an API for providing a graphical user interface (GUI) for Java programs.

Swing was developed to provide a more sophisticated set of GUI components than the

earlier AWT. Swing provides a look and feel that emulates the look and feel of several platforms, and also supports a pluggable look and feel that allows applications to have a look and feel unrelated to the underlying platform. It has more powerful and flexible components than AWT. In addition to familiar components such as buttons, check boxes and labels, Swing provides several advanced components such as tabbed panel, scroll panes, trees, tables, and lists.

### SQL:

Structure Query Language (SQL) is a database query language used for storing and managing data in Relational DBMS. SQL was the first commercial language introduced for E.F Codd's **Relational** model of database. Today almost all RDBMS (MySql, Oracle, Infomix, Sybase, MS Access) use **SQL** as the standard database query language. SQL is used to perform all types of data operations in RDBMS.

### Java-SQL Connectivity using JDBC:

**Java Database Connectivity** (**JDBC**) is an application programming

interface (API) for the programming language Java, which defines how a client may access a database. It is a Java-based data access technology used for Java database connectivity. It is part of the Java Standard Edition platform,

from Oracle Corporation. It provides methods to query and update data in a database and is oriented towards relational databases.

The connection to the database can be performed using Java programming (JDBC API) as:

try

{

}

Class.*forName*("oracle.jdbc.driver.OracleDriver");

catch (Exception e)

{

System.*err*.println("Unable to find and load driver"); System.*exit*(1);

}

public void connectToDB()

{

try

{

connection = DriverManager.*getConnection*("jdbc:oracle:thin:@localhost:1522:ORCL","mydbms","mydbms");

statement = connection.createStatement();

}

catch (SQLException connectException)

{

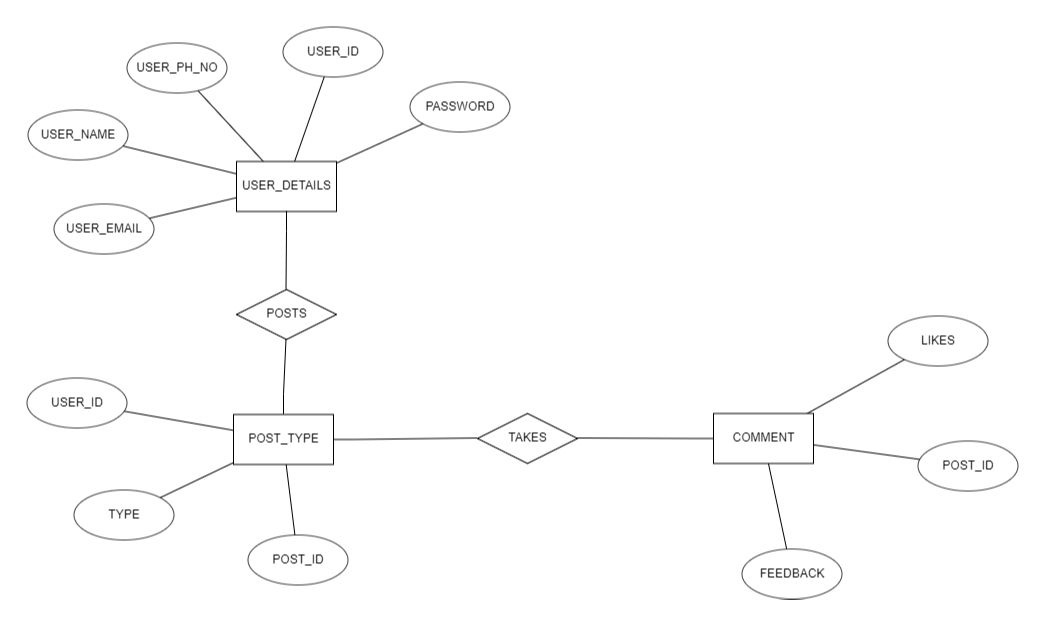
System.*out*.println(connectException.getMessage()); System.*out*.println(connectException.getSQLState()); System.*out*.println(connectException.getErrorCode()); System.*exit*(1);

}

}

Thus, the connection from Java to Oracle database is performed and therefore, can be used for updating tables in the database directly.

**ER DIAGRAM:**



**DATABASE DESIGN:**

select \* from user\_details

-> ;

+---------+------------------+------------+

| uid | uemail | upno |

+---------+------------------+------------+

| 1234567 | asrith@gmail.com | 9347368656 |

| 2222 | bbbb@gmail.com | 847835387 |

| 234 | advc@gmail.com | 9856741236 |

+---------+------------------+------------+

select \* from post\_type;

+------+----------------+

| pid | ptype |

+------+----------------+

| 111 | business |

| 123 | enterntainment |

| 1234 | good |

+------+----------------+

3 rows in set (0.0009 sec)

**Implementation:**

**Program:**

**DB:**

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.Statement;

public class DB {

public static Connection getConnection(){

Connection con=null;

try{

Class.forName("com.mysql.cj.jdbc.Driver");

con=DriverManager.getConnection("jdbc:mysql://localhost:3306/twitter","root","#Sri#25#03");

}catch(Exception e){System.out.println(e);}

return con;

}

}

**MENU :**

import java.awt.EventQueue;

import javax.swing.JFrame;

import javax.swing.JPanel;

import javax.swing.border.EmptyBorder;

import javax.swing.GroupLayout;

import javax.swing.GroupLayout.Alignment;

import javax.swing.JLabel;

import java.awt.Font;

import java.awt.Color;

import javax.swing.JButton;

import java.awt.event.ActionListener;

import java.awt.event.ActionEvent;

public class Menu extends JFrame {

private static final long serialVersionUID = 1L;

static Menu frame;

private JPanel contentPane;

static String idd;

/\*\*

\* Launch the application.

\*/

public static void main(String[] args) {

EventQueue.invokeLater(new Runnable() {

public void run() {

try {

frame = new Menu();

frame.setTitle("Twitter Posts Feedback Retrival System");

frame.setVisible(true);

} catch (Exception e) {

e.printStackTrace();

}

}

});

}

public static void id(String id) {

idd=id;

}

/\*\*

\* Create the frame.

\*/

public Menu() {

setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

setBounds(100, 100, 450, 433);

contentPane = new JPanel();

contentPane.setForeground(Color.GRAY);

contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));

setContentPane(contentPane);

JLabel lblLibrarianSection = new JLabel("Welcome TO Twitter");

lblLibrarianSection.setFont(new Font("Academy Engraved LET", Font.BOLD , 40));

JButton btnBInfo = new JButton("USER");

btnBInfo.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

user.main(new String[]{});

frame.dispose();

}

});

btnBInfo.setFont(new Font("Tahoma", Font.PLAIN, 13));

JButton btnpost = new JButton("POST");

btnpost.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent arg0) {

// Student.main(new String[]{});

frame.dispose();

}

});

btnpost.setFont(new Font("Tahoma", Font.PLAIN, 13));

JButton btncomment = new JButton("COMMENTS");

btnBInfo.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

user.main(new String[]{});

frame.dispose();

}

});

btncomment.setFont(new Font("Tahoma", Font.PLAIN, 13));

JButton btnChange = new JButton("Change Password");

btnChange.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

// ChangePassword.frame = new ChangePassword(idd);

//ChangePassword.frame.setTitle("Change Password");

//ChangePassword.frame.setVisible(true);

frame.dispose();

}

});

btnChange.setFont(new Font("Tahoma", Font.PLAIN, 13));

GroupLayout gl\_contentPane = new GroupLayout(contentPane);

gl\_contentPane.setHorizontalGroup(

gl\_contentPane.createParallelGroup(Alignment.LEADING)

.addGroup(Alignment.TRAILING, gl\_contentPane.createSequentialGroup()

.addContainerGap(81, Short.MAX\_VALUE)

.addComponent(lblLibrarianSection)

.addGap(54))

.addGroup(gl\_contentPane.createSequentialGroup()

.addGap(132)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.LEADING)

.addComponent(btncomment, GroupLayout.PREFERRED\_SIZE, 191, GroupLayout.PREFERRED\_SIZE)

.addComponent(btnpost, GroupLayout.PREFERRED\_SIZE, 191, GroupLayout.PREFERRED\_SIZE)

.addComponent(btnBInfo, GroupLayout.PREFERRED\_SIZE, 191, GroupLayout.PREFERRED\_SIZE))

.addContainerGap(101, Short.MAX\_VALUE))

);

gl\_contentPane.setVerticalGroup(

gl\_contentPane.createParallelGroup(Alignment.LEADING)

.addGroup(gl\_contentPane.createSequentialGroup()

.addContainerGap()

.addComponent(lblLibrarianSection)

.addGap(18)

.addComponent(btnBInfo, GroupLayout.PREFERRED\_SIZE, 37, GroupLayout.PREFERRED\_SIZE)

.addGap(18)

.addComponent(btnpost, GroupLayout.PREFERRED\_SIZE, 37, GroupLayout.PREFERRED\_SIZE)

.addGap(18)

.addComponent(btncomment, GroupLayout.PREFERRED\_SIZE, 37, GroupLayout.PREFERRED\_SIZE)

.addContainerGap(16, Short.MAX\_VALUE))

);

contentPane.setLayout(gl\_contentPane);

}

}

**USER:**

**Userdetails:**

import java.sql.Connection;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

public class userdetails {

public static boolean checkbook(String uid){

boolean status=false;

try{

Connection con=DB.getConnection();

PreparedStatement ps=con.prepareStatement("select \* from user\_details where uid=?");

ps.setString(1,uid);

ResultSet rs=ps.executeQuery();

status=rs.next();

con.close();

}catch(Exception e){System.out.println(e);}

return status;

}

public static int insertbook(String Uid,String Uemail,String Upno){

int status=0;

try{

Connection con=DB.getConnection();

PreparedStatement ps=con.prepareStatement("insert into user\_details(Uid,Uemail,Upno) values(?,?,?)");

ps.setString(1,Uid);

ps.setString(2,Uemail);

ps.setString(3,Upno);

status=ps.executeUpdate();

con.close();

}catch(Exception e){System.out.println(e);}

return status;

}

public static int deleteuser(String uid){

int status=0;

try{

Connection con=DB.getConnection();

PreparedStatement ps=con.prepareStatement("delete from user\_details where uid=?");

ps.setString(1,uid);

status=ps.executeUpdate();

con.close();

}catch(Exception e){System.out.println(e);}

return status;

}

}

**User:**

import java.awt.BorderLayout;

import java.awt.EventQueue;

import javax.swing.JFrame;

import javax.swing.JPanel;

import javax.swing.border.EmptyBorder;

import javax.swing.GroupLayout;

import javax.swing.GroupLayout.Alignment;

import javax.swing.JLabel;

import java.awt.Font;

import java.awt.Color;

import javax.swing.JButton;

import java.awt.event.ActionListener;

import java.awt.event.ActionEvent;

public class user extends JFrame {

static user *frame*;

private JPanel contentPane;

/\*\*

\* Launch the application.

\*/

public static void main(String[] args) {

EventQueue.*invokeLater*(new Runnable() {

public void run() {

try {

*frame* = new user();

*frame*.setTitle("User Info.");

*frame*.setVisible(true);

} catch (Exception e) {

e.printStackTrace();

}

}

});

}

/\*\*

\* Create the frame.

\*/

public user() {

setDefaultCloseOperation(JFrame.*EXIT\_ON\_CLOSE*);

setBounds(100, 100, 450, 433);

contentPane = new JPanel();

contentPane.setForeground(Color.*GRAY*);

contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));

setContentPane(contentPane);

JLabel lblLibrarianSection = new JLabel("users Information");

lblLibrarianSection.setFont(new Font("Tahoma", Font.*PLAIN*, 22));

JButton btnNewButton = new JButton("Add user");

btnNewButton.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

adduser.*main*(new String[]{});

*frame*.dispose();

}

});

btnNewButton.setFont(new Font("Tahoma", Font.*PLAIN*, 13));

JButton btnUpdateuser = new JButton("Modify user Deatils");

btnUpdateuser.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent arg0) {

updateuser.*main*(new String[]{});

*frame*.dispose();

}

});

btnUpdateuser.setFont(new Font("Tahoma", Font.*PLAIN*, 13));

JButton btnDeleteuser = new JButton("Delete user");

btnDeleteuser.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

deleteuser.*main*(new String[]{});

*frame*.dispose();

}

});

btnDeleteuser.setFont(new Font("Tahoma", Font.*PLAIN*, 13));

JButton btnViewuser = new JButton("View All users");

btnViewuser.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

viewuser.*main*(new String[]{});

}

});

btnViewuser.setFont(new Font("Tahoma", Font.*PLAIN*, 13));

JButton btnBack = new JButton("Back");

btnBack.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

Menu.*main*(new String[]{});

*frame*.dispose();

}

});

btnBack.setFont(new Font("Tahoma", Font.*PLAIN*, 13));

GroupLayout gl\_contentPane = new GroupLayout(contentPane);

gl\_contentPane.setHorizontalGroup(

gl\_contentPane.createParallelGroup(Alignment.*LEADING*)

.addGroup(Alignment.*CENTER*, gl\_contentPane.createSequentialGroup()

.addComponent(lblLibrarianSection)

.addGap(54))

.addGroup(Alignment.*CENTER* ,gl\_contentPane.createSequentialGroup()

.addGap(132)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.*LEADING*)

.addComponent(btnBack, GroupLayout.*PREFERRED\_SIZE*, 191, GroupLayout.*PREFERRED\_SIZE*)

.addComponent(btnViewuser, GroupLayout.*PREFERRED\_SIZE*, 191, GroupLayout.*PREFERRED\_SIZE*)

.addComponent(btnDeleteuser, GroupLayout.*PREFERRED\_SIZE*, 191, GroupLayout.*PREFERRED\_SIZE*)

.addComponent(btnUpdateuser, GroupLayout.*PREFERRED\_SIZE*, 191, GroupLayout.*PREFERRED\_SIZE*)

.addComponent(btnNewButton, GroupLayout.*PREFERRED\_SIZE*, 191, GroupLayout.*PREFERRED\_SIZE*))

.addContainerGap(101, Short.*MAX\_VALUE*))

);

gl\_contentPane.setVerticalGroup(

gl\_contentPane.createParallelGroup(Alignment.*LEADING*)

.addGroup(gl\_contentPane.createSequentialGroup()

.addContainerGap()

.addComponent(lblLibrarianSection)

.addGap(18)

.addComponent(btnNewButton, GroupLayout.*PREFERRED\_SIZE*, 37, GroupLayout.*PREFERRED\_SIZE*)

.addGap(18)

.addComponent(btnUpdateuser, GroupLayout.*PREFERRED\_SIZE*, 37, GroupLayout.*PREFERRED\_SIZE*)

.addGap(18)

.addComponent(btnDeleteuser, GroupLayout.*PREFERRED\_SIZE*, 37, GroupLayout.*PREFERRED\_SIZE*)

.addGap(18)

.addComponent(btnViewuser, GroupLayout.*PREFERRED\_SIZE*, 37, GroupLayout.*PREFERRED\_SIZE*)

.addGap(18)

.addComponent(btnBack, GroupLayout.*PREFERRED\_SIZE*, 37, GroupLayout.*PREFERRED\_SIZE*)

.addContainerGap(16, Short.*MAX\_VALUE*))

);

contentPane.setLayout(gl\_contentPane);

}

}

**Adduser:**

import java.awt.BorderLayout;

import java.awt.EventQueue;

import javax.swing.JFrame;

import javax.swing.JPanel;

import javax.swing.border.EmptyBorder;

import javax.swing.GroupLayout;

import javax.swing.GroupLayout.Alignment;

import javax.swing.JLabel;

import javax.swing.JOptionPane;

import java.awt.Font;

import java.awt.Color;

import javax.swing.JTextField;

import javax.swing.JButton;

import java.awt.event.ActionListener;

import java.awt.event.ActionEvent;

import javax.swing.LayoutStyle.ComponentPlacement;

public class adduser extends JFrame {

private static final long serialVersionUID = 1L;

static adduser frame;

private JPanel contentPane;

private JTextField textField;

private JTextField textField\_1;

private JTextField textField\_2;

/\*\*

\* Launch the application.

\*/

public static void main(String[] args) {

EventQueue.invokeLater(new Runnable() {

public void run() {

try {

frame = new adduser();

frame.setTitle("User Info.");

frame.setVisible(true);

} catch (Exception e) {

e.printStackTrace();

}

}

});

}

/\*\*

\* Create the frame.

\*/

public adduser() {

setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

setBounds(100, 100, 450, 404);

contentPane = new JPanel();

contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));

setContentPane(contentPane);

JLabel lblAdduser = new JLabel("Add user");

lblAdduser.setForeground(Color.GRAY);

lblAdduser.setFont(new Font("Tahoma", Font.PLAIN, 18));

JLabel lbluserid = new JLabel("User ID :");

JLabel lblemail = new JLabel("Email :");

JLabel lblpno = new JLabel("phone number :");

textField = new JTextField();

textField.setColumns(10);

textField\_1 = new JTextField();

textField\_1.setColumns(10);

textField\_2 = new JTextField();

textField\_2.setColumns(10);

JButton btnAdduser = new JButton("Submit");

btnAdduser.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

String userid=textField.getText();

String email=textField\_1.getText();

String pno=textField\_2.getText();

if(userdetails.checkbook(userid)) {

JOptionPane.showMessageDialog(adduser.this,"User with Same User ID is present already\nInserton Failed !!!");

}

else {

int i=userdetails.insertbook(userid,email,pno);

if(i>0){

JOptionPane.showMessageDialog(adduser.this,"User added successfully!");

}else{

JOptionPane.showMessageDialog(adduser.this,"Unknown Error !!!\nInsertion not completed");

}

}

}

});

JButton btnBack = new JButton("Back");

btnBack.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e1) {

user.main(new String[]{});

frame.dispose();

}

});

GroupLayout gl\_contentPane = new GroupLayout(contentPane);

gl\_contentPane.setHorizontalGroup(

gl\_contentPane.createParallelGroup(Alignment.TRAILING)

.addGroup(gl\_contentPane.createSequentialGroup()

.addGroup(gl\_contentPane.createParallelGroup(Alignment.LEADING)

.addGroup(gl\_contentPane.createSequentialGroup()

.addGap(150)

.addComponent(lblAdduser))

.addGroup(gl\_contentPane.createSequentialGroup()

.addGap(18)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.LEADING, false)

.addComponent(lbluserid)

.addComponent(lblemail)

.addComponent(lblpno)

)

.addGap(47)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.LEADING)

.addComponent(textField\_2, GroupLayout.PREFERRED\_SIZE, 167, GroupLayout.PREFERRED\_SIZE)

.addComponent(textField\_1, GroupLayout.PREFERRED\_SIZE, 167, GroupLayout.PREFERRED\_SIZE)

.addComponent(textField, GroupLayout.PREFERRED\_SIZE, 167, GroupLayout.PREFERRED\_SIZE))))

.addContainerGap(125, Short.MAX\_VALUE))

.addGroup(Alignment.LEADING, gl\_contentPane.createSequentialGroup()

.addGap(50)

.addComponent(btnAdduser)

.addGap(30)

.addComponent(btnBack)

.addContainerGap())

);

gl\_contentPane.setVerticalGroup(

gl\_contentPane.createParallelGroup(Alignment.LEADING)

.addGroup(gl\_contentPane.createSequentialGroup()

.addComponent(lblAdduser)

.addGap(18)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.BASELINE)

.addComponent(lbluserid)

.addComponent(textField, GroupLayout.PREFERRED\_SIZE, GroupLayout.DEFAULT\_SIZE, GroupLayout.PREFERRED\_SIZE))

.addGap(18)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.BASELINE)

.addComponent(lblemail)

.addComponent(textField\_1, GroupLayout.PREFERRED\_SIZE, GroupLayout.DEFAULT\_SIZE, GroupLayout.PREFERRED\_SIZE))

.addGap(18)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.BASELINE)

.addComponent(lblpno)

.addComponent(textField\_2, GroupLayout.PREFERRED\_SIZE, GroupLayout.DEFAULT\_SIZE, GroupLayout.PREFERRED\_SIZE))

.addGap(18)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.BASELINE)

)

.addGap(30)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.BASELINE)

.addComponent(btnAdduser, GroupLayout.PREFERRED\_SIZE, 31, GroupLayout.PREFERRED\_SIZE)

.addComponent(btnBack, GroupLayout.PREFERRED\_SIZE, 31, GroupLayout.PREFERRED\_SIZE))

) );

contentPane.setLayout(gl\_contentPane);

}

}

**DELETEUSER:**

import java.awt.BorderLayout;

import java.awt.EventQueue;

import javax.swing.JFrame;

import javax.swing.JPanel;

import javax.swing.border.EmptyBorder;

import javax.swing.GroupLayout;

import javax.swing.GroupLayout.Alignment;

import javax.swing.JLabel;

import javax.swing.JOptionPane;

import javax.swing.JTextField;

import javax.swing.JButton;

import java.awt.Font;

import java.awt.event.ActionListener;

import java.awt.event.ActionEvent;

public class deleteuser extends JFrame {

static deleteuser frame;

private JPanel contentPane;

private JTextField textField;

/\*\*

\* Launch the application.

\*/

public static void main(String[] args) {

EventQueue.invokeLater(new Runnable() {

public void run() {

try {

frame = new deleteuser();

frame.setTitle("Delete user Info.");

frame.setVisible(true);

} catch (Exception e) {

e.printStackTrace();

}

}

});

}

/\*\*

\* Create the frame.

\*/

public deleteuser() {

setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

setBounds(100, 100, 400, 200);

contentPane = new JPanel();

contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));

setContentPane(contentPane);

JLabel lblEnterId = new JLabel("Enter user Id :");

textField = new JTextField();

textField.setColumns(10);

JButton btnDelete = new JButton("Delete");

btnDelete.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

String sid=textField.getText();

if(sid==null||sid.trim().equals("")){

JOptionPane.showMessageDialog(deleteuser.this,"Id can't be blank");

}else{

int i=userdetails.deleteuser(sid);

if(i>0){

JOptionPane.showMessageDialog(deleteuser.this,"User deleted successfully!");

}else{

JOptionPane.showMessageDialog(deleteuser.this,"Unable to delete given id!");

}

}

}

});

btnDelete.setFont(new Font("Tahoma", Font.PLAIN, 13));

JButton btnNewButton = new JButton("Back");

btnNewButton.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

user.main(new String[]{});

frame.dispose();

}

});

btnNewButton.setFont(new Font("Tahoma", Font.PLAIN, 13));

GroupLayout gl\_contentPane = new GroupLayout(contentPane);

gl\_contentPane.setHorizontalGroup(

gl\_contentPane.createParallelGroup(Alignment.LEADING)

.addGroup(gl\_contentPane.createSequentialGroup()

.addGap(39)

.addComponent(lblEnterId)

.addGap(57)

.addComponent(textField, GroupLayout.PREFERRED\_SIZE, 178, GroupLayout.PREFERRED\_SIZE)

.addContainerGap(107, Short.MAX\_VALUE))

.addGroup(gl\_contentPane.createSequentialGroup()

.addGap(100)

.addComponent(btnDelete)

.addGap(30)

.addComponent(btnNewButton)

)

);

gl\_contentPane.setVerticalGroup(

gl\_contentPane.createParallelGroup(Alignment.CENTER)

.addGroup(gl\_contentPane.createSequentialGroup()

.addGap(19)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.LEADING)

.addComponent(textField, GroupLayout.PREFERRED\_SIZE, GroupLayout.DEFAULT\_SIZE, GroupLayout.PREFERRED\_SIZE)

.addComponent(lblEnterId))

.addGap(33)

.addGroup(gl\_contentPane.createParallelGroup()

.addComponent(btnDelete)

.addComponent(btnNewButton)

)));

contentPane.setLayout(gl\_contentPane);

}

}

**Update user:**

import java.awt.Color;

import java.awt.EventQueue;

import java.awt.Font;

import java.awt.event.ActionEvent;

import java.awt.event.ActionListener;

import java.sql.Connection;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import javax.swing.JButton;

import javax.swing.JFrame;

import javax.swing.JLabel;

import javax.swing.JOptionPane;

import javax.swing.JPanel;

import javax.swing.JTextField;

import javax.swing.border.EmptyBorder;

public class updateuser extends JFrame {

private static final long *serialVersionUID* = 1L;

static updateuser *frame*;

private JPanel contentPane;

private JTextField TextField;

private JLabel lblEnterOldPassword;

private JTextField TextField1;

private JLabel lblEnterNewPassword;

private JTextField TextField2;

private JLabel lblReEnterNewPassword;

/\*\*

\* Launch the application.

\*/

public static void main(String[] args) {

EventQueue.*invokeLater*(new Runnable() {

public void run() {

try {

*frame* = new updateuser();

*frame*.setTitle("Modify User Info.");

*frame*.setVisible(true);

} catch (Exception e) {

e.printStackTrace();

}

}

});

}

/\*\*

\* Create the frame.

\*/

public updateuser() {

setDefaultCloseOperation(JFrame.*EXIT\_ON\_CLOSE*);

setBounds(110, 95, 650, 350);

setResizable(false);

contentPane = new JPanel();

contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));

setContentPane(contentPane);

contentPane.setLayout(null);

TextField = new JTextField();

TextField.setFont(new Font("Tahoma", Font.*PLAIN*, 18));

TextField.setBounds(290, 37, 326, 40);

contentPane.add(TextField);

TextField.setColumns(10);

TextField1 = new JTextField();

TextField1.setFont(new Font("Tahoma", Font.*PLAIN*, 18));

TextField1.setBounds(290, 87, 326, 40);

contentPane.add(TextField1);

TextField.setColumns(10);

TextField2 = new JTextField();

TextField2.setFont(new Font("Tahoma", Font.*PLAIN*, 18));

TextField2.setBounds(290, 137, 326, 40);

contentPane.add(TextField2);

TextField2.setColumns(10);

TextField.setText("");

TextField1.setText("");

TextField2.setText("");

Connection con = DB.*getConnection*();

JButton btnBack = new JButton("Back");

btnBack.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

*frame*.dispose();

user.*main*(new String[]{});

}});

btnBack.setFont(new Font("Tahoma", Font.*PLAIN*, 20));

btnBack.setBackground(new Color(240, 240, 240));

btnBack.setBounds(450, 225, 130, 50);

contentPane.add(btnBack);

JButton btnSave = new JButton("Save");

btnSave.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

String b = TextField.getText();

String t = TextField1.getText();

String a = TextField2.getText();

if(userdetails.*checkbook*(b)) {

try {

PreparedStatement st = con.prepareStatement("Update user\_details set uemail=?, upno = ? where uid=?");

st.setString(1, t);

st.setString(2, a);

st.setString(3, b);

st.executeUpdate();

System.*out*.println("updated info for userid : " + b);

JOptionPane.*showMessageDialog*(btnSave, "Data Updated Successfully :)");

} catch (SQLException sqlException) {

sqlException.printStackTrace();

}}

else{

JOptionPane.*showMessageDialog*(updateuser.this,"user ID is Invalid !!!");

TextField.setText("");

TextField1.setText("");

TextField2.setText("");

}

}

});

btnSave.setFont(new Font("Tahoma", Font.*PLAIN*, 20));

btnSave.setBackground(new Color(240, 240, 240));

btnSave.setBounds(300, 225, 130, 50);

contentPane.add(btnSave);

lblEnterOldPassword = new JLabel("user ID :");

lblEnterOldPassword.setFont(new Font("Tahoma", Font.*PLAIN*, 18));

lblEnterOldPassword.setBounds(45, 37, 326, 40);

contentPane.add(lblEnterOldPassword);

lblEnterNewPassword = new JLabel("Email :");

lblEnterNewPassword.setFont(new Font("Tahoma", Font.*PLAIN*, 18));

lblEnterNewPassword.setBounds(45, 87, 326, 40);

contentPane.add(lblEnterNewPassword);

lblReEnterNewPassword = new JLabel("Phone number :");

lblReEnterNewPassword.setFont(new Font("Tahoma", Font.*PLAIN*, 18));

lblReEnterNewPassword.setBounds(45, 137, 326, 40);

contentPane.add(lblReEnterNewPassword);

JButton btnLoad = new JButton("Load");

btnLoad.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

String user = TextField.getText();

String userid = TextField1.getText();

String email = TextField2.getText();

Connection con = DB.*getConnection*();

if(userdetails.*checkbook*(user)) {

Statement st;

try {

PreparedStatement stmt = con.prepareStatement("select \* from user\_details where uid=?");

stmt.setString(1,user);

ResultSet rs = stmt.executeQuery();

while(rs.next())

{ TextField.setText(rs.getString(1));

TextField1.setText(rs.getString(2));

TextField2.setText(rs.getString(3));}

} catch (SQLException e1) {

e1.printStackTrace();

}}else {

JOptionPane.*showMessageDialog*(updateuser.this,"user ID is Invalid !!!");

TextField.setText("");

TextField1.setText("");

TextField2.setText("");

}

}});

btnLoad.setFont(new Font("Tahoma", Font.*PLAIN*, 20));

btnLoad.setBackground(new Color(240, 240, 240));

btnLoad.setBounds(150, 225, 130, 50);

contentPane.add(btnLoad);

}

}

**View user:**

import java.awt.BorderLayout;

import java.awt.EventQueue;

import java.sql.Connection;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.ResultSetMetaData;

import javax.swing.JFrame;

import javax.swing.JPanel;

import javax.swing.JScrollPane;

import javax.swing.border.EmptyBorder;

import javax.swing.JTable;

public class viewuser extends JFrame {

private JPanel contentPane;

private JTable table;

public static void main(String[] args) {

EventQueue.*invokeLater*(new Runnable() {

public void run() {

try {

viewuser frame = new viewuser();

frame.setTitle("User");

frame.setVisible(true);

} catch (Exception e) {

e.printStackTrace();

}

}

});

}

/\*\*

\* Create the frame.

\*/

public viewuser() {

setDefaultCloseOperation(JFrame.*DISPOSE\_ON\_CLOSE*);

setBounds(100, 100, 450, 300);

contentPane = new JPanel();

contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));

contentPane.setLayout(new BorderLayout(0, 0));

setContentPane(contentPane);

String data[][]=null;

String column[]=null;

try{

Connection con=DB.*getConnection*();

PreparedStatement ps=con.prepareStatement("select \* from user\_details",ResultSet.*TYPE\_SCROLL\_SENSITIVE*,ResultSet.*CONCUR\_UPDATABLE*);

ResultSet rs=ps.executeQuery();

ResultSetMetaData rsmd=rs.getMetaData();

int cols=rsmd.getColumnCount();

column=new String[cols];

for(int i=1;i<=cols;i++){

column[i-1]=rsmd.getColumnName(i);

}

rs.last();

int rows=rs.getRow();

rs.beforeFirst();

data=new String[rows][cols];

int count=0;

while(rs.next()){

for(int i=1;i<=cols;i++){

data[count][i-1]=rs.getString(i);

}

count++;

}

con.close();

}catch(Exception e){System.*out*.println(e);}

table = new JTable(data,column);

table.setDefaultEditor(Object.class, null);

JScrollPane sp=new JScrollPane(table);

contentPane.add(sp, BorderLayout.*CENTER*);

}

}

Posts:

Post:

import java.awt.BorderLayout;

import java.awt.EventQueue;

import javax.swing.JFrame;

import javax.swing.JPanel;

import javax.swing.border.EmptyBorder;

import javax.swing.GroupLayout;

import javax.swing.GroupLayout.Alignment;

import javax.swing.JLabel;

import java.awt.Font;

import java.awt.Color;

import javax.swing.JButton;

import java.awt.event.ActionListener;

import java.awt.event.ActionEvent;

public class post extends JFrame {

static post frame;

private JPanel contentPane;

/\*\*

\* Launch the application.

\*/

public static void main(String[] args) {

EventQueue.invokeLater(new Runnable() {

public void run() {

try {

frame = new post();

frame.setTitle("post Info.");

frame.setVisible(true);

} catch (Exception e) {

e.printStackTrace();

}

}

});

}

/\*\*

\* Create the frame.

\*/

public post() {

setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

setBounds(100, 100, 450, 433);

contentPane = new JPanel();

contentPane.setForeground(Color.GRAY);

contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));

setContentPane(contentPane);

JLabel lblLibrarianSection = new JLabel("Posts Information");

lblLibrarianSection.setFont(new Font("Tahoma", Font.PLAIN, 22));

JButton btnNewButton = new JButton("Add post");

btnNewButton.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

addpost.main(new String[]{});

frame.dispose();

}

});

btnNewButton.setFont(new Font("Tahoma", Font.PLAIN, 13));

JButton btnUpdatepost = new JButton("Modify post Deatils");

btnUpdatepost.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent arg0) {

updatepost.main(new String[]{});

frame.dispose();

}

});

btnUpdatepost.setFont(new Font("Tahoma", Font.PLAIN, 13));

JButton btnDeletepost = new JButton("Delete post");

btnDeletepost.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

deletepost.main(new String[]{});

frame.dispose();

}

});

btnDeletepost.setFont(new Font("Tahoma", Font.PLAIN, 13));

JButton btnViewpost = new JButton("View All posts");

btnViewpost.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

viewpost.main(new String[]{});

}

});

btnViewpost.setFont(new Font("Tahoma", Font.PLAIN, 13));

JButton btnBack = new JButton("Back");

btnBack.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

Menu.main(new String[]{});

frame.dispose();

}

});

btnBack.setFont(new Font("Tahoma", Font.PLAIN, 13));

GroupLayout gl\_contentPane = new GroupLayout(contentPane);

gl\_contentPane.setHorizontalGroup(

gl\_contentPane.createParallelGroup(Alignment.LEADING)

.addGroup(Alignment.CENTER, gl\_contentPane.createSequentialGroup()

.addComponent(lblLibrarianSection)

.addGap(54))

.addGroup(Alignment.CENTER ,gl\_contentPane.createSequentialGroup()

.addGap(132)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.LEADING)

.addComponent(btnBack, GroupLayout.PREFERRED\_SIZE, 191, GroupLayout.PREFERRED\_SIZE)

.addComponent(btnViewpost, GroupLayout.PREFERRED\_SIZE, 191, GroupLayout.PREFERRED\_SIZE)

.addComponent(btnDeletepost, GroupLayout.PREFERRED\_SIZE, 191, GroupLayout.PREFERRED\_SIZE)

.addComponent(btnUpdatepost, GroupLayout.PREFERRED\_SIZE, 191, GroupLayout.PREFERRED\_SIZE)

.addComponent(btnNewButton, GroupLayout.PREFERRED\_SIZE, 191, GroupLayout.PREFERRED\_SIZE))

.addContainerGap(101, Short.MAX\_VALUE))

);

gl\_contentPane.setVerticalGroup(

gl\_contentPane.createParallelGroup(Alignment.LEADING)

.addGroup(gl\_contentPane.createSequentialGroup()

.addContainerGap()

.addComponent(lblLibrarianSection)

.addGap(18)

.addComponent(btnNewButton, GroupLayout.PREFERRED\_SIZE, 37, GroupLayout.PREFERRED\_SIZE)

.addGap(18)

.addComponent(btnUpdatepost, GroupLayout.PREFERRED\_SIZE, 37, GroupLayout.PREFERRED\_SIZE)

.addGap(18)

.addComponent(btnDeletepost, GroupLayout.PREFERRED\_SIZE, 37, GroupLayout.PREFERRED\_SIZE)

.addGap(18)

.addComponent(btnViewpost, GroupLayout.PREFERRED\_SIZE, 37, GroupLayout.PREFERRED\_SIZE)

.addGap(18)

.addComponent(btnBack, GroupLayout.PREFERRED\_SIZE, 37, GroupLayout.PREFERRED\_SIZE)

.addContainerGap(16, Short.MAX\_VALUE))

);

contentPane.setLayout(gl\_contentPane);

}

}

**Post type:**

import java.sql.Connection;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

public class posttype {

public static boolean checkpost(String pid){

boolean status=false;

try{

Connection con=DB.getConnection();

PreparedStatement ps=con.prepareStatement("select \* from post\_type where pid=?");

ps.setString(1,pid);

ResultSet rs=ps.executeQuery();

status=rs.next();

con.close();

}catch(Exception e){System.out.println(e);}

return status;

}

public static int insertpost(String pid,String ptype){

int status=0;

try{

Connection con=DB.getConnection();

PreparedStatement ps=con.prepareStatement("insert into post\_type(pid,ptype) values(?,?)");

ps.setString(1,pid);

ps.setString(2,ptype);

status=ps.executeUpdate();

con.close();

}catch(Exception e){System.out.println(e);}

return status;

}

public static int deletepost(String pid){

int status=0;

try{

Connection con=DB.getConnection();

PreparedStatement ps=con.prepareStatement("delete from post\_type where pid=?");

ps.setString(1,pid);

status=ps.executeUpdate();

con.close();

}catch(Exception e){System.out.println(e);}

return status;

}

}

**Add post:**

import java.awt.BorderLayout;

import java.awt.EventQueue;

import javax.swing.JFrame;

import javax.swing.JPanel;

import javax.swing.border.EmptyBorder;

import javax.swing.GroupLayout;

import javax.swing.GroupLayout.Alignment;

import javax.swing.JLabel;

import javax.swing.JOptionPane;

import java.awt.Font;

import java.awt.Color;

import javax.swing.JTextField;

import javax.swing.JButton;

import java.awt.event.ActionListener;

import java.awt.event.ActionEvent;

import javax.swing.LayoutStyle.ComponentPlacement;

public class addpost extends JFrame {

private static final long serialVersionUID = 1L;

static addpost frame;

private JPanel contentPane;

private JTextField textField;

private JTextField textField\_1;

//private JTextField textField\_2;

/\*\*

\* Launch the application.

\*/

public static void main(String[] args) {

EventQueue.invokeLater(new Runnable() {

public void run() {

try {

frame = new addpost();

frame.setTitle("post Info.");

frame.setVisible(true);

} catch (Exception e) {

e.printStackTrace();

}

}

});

}

/\*\*

\* Create the frame.

\*/

public addpost() {

setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

setBounds(100, 100, 450, 404);

contentPane = new JPanel();

contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));

setContentPane(contentPane);

JLabel lblAddpost = new JLabel("Add post");

lblAddpost.setForeground(Color.GRAY);

lblAddpost.setFont(new Font("Tahoma", Font.PLAIN, 18));

JLabel lblpostid = new JLabel("post ID :");

JLabel lblptype = new JLabel("post type :");

textField = new JTextField();

textField.setColumns(10);

textField\_1 = new JTextField();

textField\_1.setColumns(10);

//textField\_2 = new JTextField();

//textField\_2.setColumns(10);

JButton btnAdduser = new JButton("Submit");

btnAdduser.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

String pid=textField.getText();

String ptype=textField\_1.getText();

//String pno=textField\_2.getText();

if(userdetails.checkbook(pid)) {

JOptionPane.showMessageDialog(addpost.this,"post with Same post ID is present already\nInserton Failed !!!");

}

else {

int i=posttype.insertpost(pid,ptype);

if(i>0){

JOptionPane.showMessageDialog(addpost.this,"post added successfully!");

}else{

JOptionPane.showMessageDialog(addpost.this,"Unknown Error !!!\nInsertion not completed");

}

}

}

});

JButton btnBack = new JButton("Back");

btnBack.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e1) {

user.main(new String[]{});

frame.dispose();

}

});

GroupLayout gl\_contentPane = new GroupLayout(contentPane);

gl\_contentPane.setHorizontalGroup(

gl\_contentPane.createParallelGroup(Alignment.TRAILING)

.addGroup(gl\_contentPane.createSequentialGroup()

.addGroup(gl\_contentPane.createParallelGroup(Alignment.LEADING)

.addGroup(gl\_contentPane.createSequentialGroup()

.addGap(150)

.addComponent(lblAddpost))

.addGroup(gl\_contentPane.createSequentialGroup()

.addGap(18)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.LEADING, false)

.addComponent(lblpostid)

.addComponent(lblptype)

)

.addGap(47)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.LEADING)

//.addComponent(textField\_2, GroupLayout.PREFERRED\_SIZE, 167, GroupLayout.PREFERRED\_SIZE)

.addComponent(textField\_1, GroupLayout.PREFERRED\_SIZE, 167, GroupLayout.PREFERRED\_SIZE)

.addComponent(textField, GroupLayout.PREFERRED\_SIZE, 167, GroupLayout.PREFERRED\_SIZE))))

.addContainerGap(125, Short.MAX\_VALUE))

.addGroup(Alignment.LEADING, gl\_contentPane.createSequentialGroup()

.addGap(50)

.addComponent(btnAdduser)

.addGap(30)

.addComponent(btnBack)

.addContainerGap())

);

gl\_contentPane.setVerticalGroup(

gl\_contentPane.createParallelGroup(Alignment.LEADING)

.addGroup(gl\_contentPane.createSequentialGroup()

.addComponent(lblAddpost)

.addGap(18)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.BASELINE)

.addComponent(lblpostid)

.addComponent(textField, GroupLayout.PREFERRED\_SIZE, GroupLayout.DEFAULT\_SIZE, GroupLayout.PREFERRED\_SIZE))

.addGap(18)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.BASELINE)

.addComponent(lblptype)

.addComponent(textField\_1, GroupLayout.PREFERRED\_SIZE, GroupLayout.DEFAULT\_SIZE, GroupLayout.PREFERRED\_SIZE))

//.addGap(18)

//.addGroup(gl\_contentPane.createParallelGroup(Alignment.BASELINE)

//.addComponent(lblpno)

//.addComponent(textField\_2, GroupLayout.PREFERRED\_SIZE, GroupLayout.DEFAULT\_SIZE, GroupLayout.PREFERRED\_SIZE))

.addGap(18)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.BASELINE)

)

.addGap(30)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.BASELINE)

.addComponent(btnAdduser, GroupLayout.PREFERRED\_SIZE, 31, GroupLayout.PREFERRED\_SIZE)

.addComponent(btnBack, GroupLayout.PREFERRED\_SIZE, 31, GroupLayout.PREFERRED\_SIZE))

) );

contentPane.setLayout(gl\_contentPane);

}

}

**Delete post:**

import java.awt.BorderLayout;

import java.awt.EventQueue;

import javax.swing.JFrame;

import javax.swing.JPanel;

import javax.swing.border.EmptyBorder;

import javax.swing.GroupLayout;

import javax.swing.GroupLayout.Alignment;

import javax.swing.JLabel;

import javax.swing.JOptionPane;

import javax.swing.JTextField;

import javax.swing.JButton;

import java.awt.Font;

import java.awt.event.ActionListener;

import java.awt.event.ActionEvent;

public class deletepost extends JFrame {

static deletepost frame;

private JPanel contentPane;

private JTextField textField;

/\*\*

\* Launch the application.

\*/

public static void main(String[] args) {

EventQueue.invokeLater(new Runnable() {

public void run() {

try {

frame = new deletepost();

frame.setTitle("Delete post Info.");

frame.setVisible(true);

} catch (Exception e) {

e.printStackTrace();

}

}

});

}

/\*\*

\* Create the frame.

\*/

public deletepost() {

setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

setBounds(100, 100, 400, 200);

contentPane = new JPanel();

contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));

setContentPane(contentPane);

JLabel lblEnterId = new JLabel("Enter post Id :");

textField = new JTextField();

textField.setColumns(10);

JButton btnDelete = new JButton("Delete");

btnDelete.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

String pid=textField.getText();

if(pid==null||pid.trim().equals("")){

JOptionPane.showMessageDialog(deletepost.this,"Id can't be blank");

}else{

int i=posttype.deletepost(pid);

if(i>0){

JOptionPane.showMessageDialog(deletepost.this,"post deleted successfully!");

}else{

JOptionPane.showMessageDialog(deletepost.this,"Unable to delete given id!");

}

}

}

});

btnDelete.setFont(new Font("Tahoma", Font.PLAIN, 13));

JButton btnNewButton = new JButton("Back");

btnNewButton.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

post.main(new String[]{});

frame.dispose();

}

});

btnNewButton.setFont(new Font("Tahoma", Font.PLAIN, 13));

GroupLayout gl\_contentPane = new GroupLayout(contentPane);

gl\_contentPane.setHorizontalGroup(

gl\_contentPane.createParallelGroup(Alignment.LEADING)

.addGroup(gl\_contentPane.createSequentialGroup()

.addGap(39)

.addComponent(lblEnterId)

.addGap(57)

.addComponent(textField, GroupLayout.PREFERRED\_SIZE, 178, GroupLayout.PREFERRED\_SIZE)

.addContainerGap(107, Short.MAX\_VALUE))

.addGroup(gl\_contentPane.createSequentialGroup()

.addGap(100)

.addComponent(btnDelete)

.addGap(30)

.addComponent(btnNewButton)

)

);

gl\_contentPane.setVerticalGroup(

gl\_contentPane.createParallelGroup(Alignment.CENTER)

.addGroup(gl\_contentPane.createSequentialGroup()

.addGap(19)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.LEADING)

.addComponent(textField, GroupLayout.PREFERRED\_SIZE, GroupLayout.DEFAULT\_SIZE, GroupLayout.PREFERRED\_SIZE)

.addComponent(lblEnterId))

.addGap(33)

.addGroup(gl\_contentPane.createParallelGroup()

.addComponent(btnDelete)

.addComponent(btnNewButton)

)));

contentPane.setLayout(gl\_contentPane);

}

}

**Update post:**

import java.awt.Color;

import java.awt.EventQueue;

import java.awt.Font;

import java.awt.event.ActionEvent;

import java.awt.event.ActionListener;

import java.sql.Connection;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import javax.swing.JButton;

import javax.swing.JFrame;

import javax.swing.JLabel;

import javax.swing.JOptionPane;

import javax.swing.JPanel;

import javax.swing.JTextField;

import javax.swing.border.EmptyBorder;

public class updatepost extends JFrame {

private static final long serialVersionUID = 1L;

static updatepost frame;

private JPanel contentPane;

private JTextField TextField;

private JLabel lblEnterOldPassword;

private JTextField TextField1;

private JLabel lblEnterNewPassword;

private JTextField TextField2;

private JLabel lblReEnterNewPassword;

/\*\*

\* Launch the application.

\*/

public static void main(String[] args) {

EventQueue.invokeLater(new Runnable() {

public void run() {

try {

frame = new updatepost();

frame.setTitle("Modify post Info.");

frame.setVisible(true);

} catch (Exception e) {

e.printStackTrace();

}

}

});

}

/\*\*

\* Create the frame.

\*/

public updatepost() {

setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

setBounds(110, 95, 650, 350);

setResizable(false);

contentPane = new JPanel();

contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));

setContentPane(contentPane);

contentPane.setLayout(null);

TextField = new JTextField();

TextField.setFont(new Font("Tahoma", Font.PLAIN, 18));

TextField.setBounds(290, 37, 326, 40);

contentPane.add(TextField);

TextField.setColumns(10);

TextField1 = new JTextField();

TextField1.setFont(new Font("Tahoma", Font.PLAIN, 18));

TextField1.setBounds(290, 87, 326, 40);

contentPane.add(TextField1);

TextField.setColumns(10);

TextField2 = new JTextField();

TextField2.setFont(new Font("Tahoma", Font.PLAIN, 18));

TextField2.setBounds(290, 137, 326, 40);

contentPane.add(TextField2);

TextField2.setColumns(10);

TextField.setText("");

TextField1.setText("");

TextField2.setText("");

Connection con = DB.getConnection();

JButton btnBack = new JButton("Back");

btnBack.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

frame.dispose();

post.main(new String[]{});

}});

btnBack.setFont(new Font("Tahoma", Font.PLAIN, 20));

btnBack.setBackground(new Color(240, 240, 240));

btnBack.setBounds(450, 225, 130, 50);

contentPane.add(btnBack);

JButton btnSave = new JButton("Save");

btnSave.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

String b = TextField.getText();

String t = TextField1.getText();

String a = TextField2.getText();

if(posttype.checkpost(b)) {

try {

PreparedStatement st = con.prepareStatement("Update post\_type set ptype=? where pid=?");

st.setString(1, t);

st.setString(2, a);

// st.setString(3, b);

st.executeUpdate();

System.out.println("updated info for postid : " + a);

JOptionPane.showMessageDialog(btnSave, "Data Updated Successfully :)");

} catch (SQLException sqlException) {

sqlException.printStackTrace();

}}

else{

JOptionPane.showMessageDialog(updatepost.this,"post ID is Invalid !!!");

TextField.setText("");

TextField1.setText("");

//TextField2.setText("");

}

}

});

btnSave.setFont(new Font("Tahoma", Font.PLAIN, 20));

btnSave.setBackground(new Color(240, 240, 240));

btnSave.setBounds(300, 225, 130, 50);

contentPane.add(btnSave);

lblEnterOldPassword = new JLabel("post ID :");

lblEnterOldPassword.setFont(new Font("Tahoma", Font.PLAIN, 18));

lblEnterOldPassword.setBounds(45, 37, 326, 40);

contentPane.add(lblEnterOldPassword);

lblEnterNewPassword = new JLabel("post type :");

lblEnterNewPassword.setFont(new Font("Tahoma", Font.PLAIN, 18));

lblEnterNewPassword.setBounds(45, 87, 326, 40);

contentPane.add(lblEnterNewPassword);

// lblReEnterNewPassword = new JLabel("Phone number :");

// lblReEnterNewPassword.setFont(new Font("Tahoma", Font.PLAIN, 18));

// lblReEnterNewPassword.setBounds(45, 137, 326, 40);

//contentPane.add(lblReEnterNewPassword);

JButton btnLoad = new JButton("Load");

btnLoad.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

String post = TextField.getText();

String pid = TextField1.getText();

String ptype = TextField2.getText();

Connection con = DB.getConnection();

//String post = null;

if(posttype.checkpost(post)) {

Statement st;

try {

PreparedStatement stmt = con.prepareStatement("select \* from post\_type where pid=?");

stmt.setString(1,post);

ResultSet rs = stmt.executeQuery();

while(rs.next())

{ TextField.setText(rs.getString(1));

TextField1.setText(rs.getString(2));

// TextField2.setText(rs.getString(3));

}

} catch (SQLException e1) {

e1.printStackTrace();

}}else {

JOptionPane.showMessageDialog(updatepost.this,"post ID is Invalid !!!");

TextField.setText("");

TextField1.setText("");

//TextField2.setText("");

}

}});

btnLoad.setFont(new Font("Tahoma", Font.PLAIN, 20));

btnLoad.setBackground(new Color(240, 240, 240));

btnLoad.setBounds(150, 225, 130, 50);

contentPane.add(btnLoad);

}

}

**View post:**

import java.awt.BorderLayout;

import java.awt.EventQueue;

import java.sql.Connection;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.ResultSetMetaData;

import javax.swing.JFrame;

import javax.swing.JPanel;

import javax.swing.JScrollPane;

import javax.swing.border.EmptyBorder;

import javax.swing.JTable;

public class viewpost extends JFrame {

private JPanel contentPane;

private JTable table;

public static void main(String[] args) {

EventQueue.invokeLater(new Runnable() {

public void run() {

try {

viewpost frame = new viewpost();

frame.setTitle("Post");

frame.setVisible(true);

} catch (Exception e) {

e.printStackTrace();

}

}

});

}

/\*\*

\* Create the frame.

\*/

public viewpost() {

setDefaultCloseOperation(JFrame.DISPOSE\_ON\_CLOSE);

setBounds(100, 100, 450, 300);

contentPane = new JPanel();

contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));

contentPane.setLayout(new BorderLayout(0, 0));

setContentPane(contentPane);

String data[][]=null;

String column[]=null;

try{

Connection con=DB.getConnection();

PreparedStatement ps=con.prepareStatement("select \* from post\_type",ResultSet.TYPE\_SCROLL\_SENSITIVE,ResultSet.CONCUR\_UPDATABLE);

ResultSet rs=ps.executeQuery();

ResultSetMetaData rsmd=rs.getMetaData();

int cols=rsmd.getColumnCount();

column=new String[cols];

for(int i=1;i<=cols;i++){

column[i-1]=rsmd.getColumnName(i);

}

rs.last();

int rows=rs.getRow();

rs.beforeFirst();

data=new String[rows][cols];

int count=0;

while(rs.next()){

for(int i=1;i<=cols;i++){

data[count][i-1]=rs.getString(i);

}

count++;

}

con.close();

}catch(Exception e){System.out.println(e);}

table = new JTable(data,column);

table.setDefaultEditor(Object.class, null);

JScrollPane sp=new JScrollPane(table);

contentPane.add(sp, BorderLayout.CENTER);

}

}

Comments:

Comment:

import java.awt.BorderLayout;

import java.awt.EventQueue;

import javax.swing.JFrame;

import javax.swing.JPanel;

import javax.swing.border.EmptyBorder;

import javax.swing.GroupLayout;

import javax.swing.GroupLayout.Alignment;

import javax.swing.JLabel;

import java.awt.Font;

import java.awt.Color;

import javax.swing.JButton;

import java.awt.event.ActionListener;

import java.awt.event.ActionEvent;

public class comment extends JFrame {

static comment frame;

private JPanel contentPane;

/\*\*

\* Launch the application.

\*/

public static void main(String[] args) {

EventQueue.invokeLater(new Runnable() {

public void run() {

try {

frame = new comment();

frame.setTitle("comment Info.");

frame.setVisible(true);

} catch (Exception e) {

e.printStackTrace();

}

}

});

}

/\*\*

\* Create the frame.

\*/

public comment() {

setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

setBounds(100, 100, 450, 433);

contentPane = new JPanel();

contentPane.setForeground(Color.GRAY);

contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));

setContentPane(contentPane);

JLabel lblLibrarianSection = new JLabel("comment Information");

lblLibrarianSection.setFont(new Font("Tahoma", Font.PLAIN, 22));

JButton btnNewButton = new JButton("Add comment");

btnNewButton.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

addcomment.main(new String[]{});

frame.dispose();

}

});

btnNewButton.setFont(new Font("Tahoma", Font.PLAIN, 13));

JButton btnUpdatecomment = new JButton("Modify comment Deatils");

btnUpdatecomment.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent arg0) {

updatecomment.main(new String[]{});

frame.dispose();

}

});

btnUpdatecomment.setFont(new Font("Tahoma", Font.PLAIN, 13));

JButton btnDeletecomment = new JButton("Delete comment");

btnDeletecomment.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

deletecomment.main(new String[]{});

frame.dispose();

}

});

btnDeletecomment.setFont(new Font("Tahoma", Font.PLAIN, 13));

JButton btnViewcomment = new JButton("View All comments");

btnViewcomment.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

viewcomment.main(new String[]{});

}

});

btnViewcomment.setFont(new Font("Tahoma", Font.PLAIN, 13));

JButton btnBack = new JButton("Back");

btnBack.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

Menu.main(new String[]{});

frame.dispose();

}

});

btnBack.setFont(new Font("Tahoma", Font.PLAIN, 13));

GroupLayout gl\_contentPane = new GroupLayout(contentPane);

gl\_contentPane.setHorizontalGroup(

gl\_contentPane.createParallelGroup(Alignment.LEADING)

.addGroup(Alignment.CENTER, gl\_contentPane.createSequentialGroup()

.addComponent(lblLibrarianSection)

.addGap(54))

.addGroup(Alignment.CENTER ,gl\_contentPane.createSequentialGroup()

.addGap(132)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.LEADING)

.addComponent(btnBack, GroupLayout.PREFERRED\_SIZE, 191, GroupLayout.PREFERRED\_SIZE)

.addComponent(btnViewcomment, GroupLayout.PREFERRED\_SIZE, 191, GroupLayout.PREFERRED\_SIZE)

.addComponent(btnDeletecomment, GroupLayout.PREFERRED\_SIZE, 191, GroupLayout.PREFERRED\_SIZE)

.addComponent(btnUpdatecomment, GroupLayout.PREFERRED\_SIZE, 191, GroupLayout.PREFERRED\_SIZE)

.addComponent(btnNewButton, GroupLayout.PREFERRED\_SIZE, 191, GroupLayout.PREFERRED\_SIZE))

.addContainerGap(101, Short.MAX\_VALUE))

);

gl\_contentPane.setVerticalGroup(

gl\_contentPane.createParallelGroup(Alignment.LEADING)

.addGroup(gl\_contentPane.createSequentialGroup()

.addContainerGap()

.addComponent(lblLibrarianSection)

.addGap(18)

.addComponent(btnNewButton, GroupLayout.PREFERRED\_SIZE, 37, GroupLayout.PREFERRED\_SIZE)

.addGap(18)

.addComponent(btnUpdatecomment, GroupLayout.PREFERRED\_SIZE, 37, GroupLayout.PREFERRED\_SIZE)

.addGap(18)

.addComponent(btnDeletecomment, GroupLayout.PREFERRED\_SIZE, 37, GroupLayout.PREFERRED\_SIZE)

.addGap(18)

.addComponent(btnViewcomment, GroupLayout.PREFERRED\_SIZE, 37, GroupLayout.PREFERRED\_SIZE)

.addGap(18)

.addComponent(btnBack, GroupLayout.PREFERRED\_SIZE, 37, GroupLayout.PREFERRED\_SIZE)

.addContainerGap(16, Short.MAX\_VALUE))

);

contentPane.setLayout(gl\_contentPane);

}

}

**Comment details:**

import java.sql.Connection;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

public class commentdetails {

public static boolean checkbook(String pid){

boolean status=false;

try{

Connection con=DB.getConnection();

PreparedStatement ps=con.prepareStatement("select \* from post\_type where pid=?");

ps.setString(1,pid);

ResultSet rs=ps.executeQuery();

status=rs.next();

con.close();

}catch(Exception e){System.out.println(e);}

return status;

}

public static int insertcomment(String pid,String feedback){

int status=0;

try{

Connection con=DB.getConnection();

PreparedStatement ps=con.prepareStatement("insert into comment(pid,feedback) values(?,?)");

ps.setString(1,pid);

ps.setString(2,feedback);

//ps.setString(3,Upno);

status=ps.executeUpdate();

con.close();

}catch(Exception e){System.out.println(e);}

return status;

}

public static int deleteuser(String pid){

int status=0;

try{

Connection con=DB.getConnection();

PreparedStatement ps=con.prepareStatement("delete from comment where pid=?");

ps.setString(1,pid);

status=ps.executeUpdate();

con.close();

}catch(Exception e){System.out.println(e);}

return status;

}

}

add comment:

import java.awt.BorderLayout;

import java.awt.EventQueue;

import javax.swing.JFrame;

import javax.swing.JPanel;

import javax.swing.border.EmptyBorder;

import javax.swing.GroupLayout;

import javax.swing.GroupLayout.Alignment;

import javax.swing.JLabel;

import javax.swing.JOptionPane;

import java.awt.Font;

import java.awt.Color;

import javax.swing.JTextField;

import javax.swing.JButton;

import java.awt.event.ActionListener;

import java.awt.event.ActionEvent;

import javax.swing.LayoutStyle.ComponentPlacement;

public class addcomment extends JFrame {

private static final long serialVersionUID = 1L;

static addcomment frame;

private JPanel contentPane;

private JTextField textField;

private JTextField textField\_1;

//private JTextField textField\_2;

/\*\*

\* Launch the application.

\*/

public static void main(String[] args) {

EventQueue.invokeLater(new Runnable() {

public void run() {

try {

frame = new addcomment();

frame.setTitle("comment Info.");

frame.setVisible(true);

} catch (Exception e) {

e.printStackTrace();

}

}

});

}

/\*\*

\* Create the frame.

\*/

public addcomment() {

setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

setBounds(100, 100, 450, 404);

contentPane = new JPanel();

contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));

setContentPane(contentPane);

JLabel lblAddcomment = new JLabel("Add comment");

lblAddcomment.setForeground(Color.GRAY);

lblAddcomment.setFont(new Font("Tahoma", Font.PLAIN, 18));

JLabel lblpostid = new JLabel("post ID :");

JLabel lblfeedback= new JLabel("feedback :");

textField = new JTextField();

textField.setColumns(10);

textField\_1 = new JTextField();

textField\_1.setColumns(10);

//textField\_2 = new JTextField();

//textField\_2.setColumns(10);

JButton btnAdduser = new JButton("Submit");

btnAdduser.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

String pid=textField.getText();

String feedback=textField\_1.getText();

//String pno=textField\_2.getText();

if(userdetails.checkbook(pid)) {

JOptionPane.showMessageDialog(addcomment.this,"post with Same post ID is present already\nInserton Failed !!!");

}

else {

int i=posttype.insertpost(pid,feedback);

if(i>0){

JOptionPane.showMessageDialog(addcomment.this,"feedback added successfully!");

}else{

JOptionPane.showMessageDialog(addcomment.this,"Unknown Error !!!\nInsertion not completed");

}

}

}

});

JButton btnBack = new JButton("Back");

btnBack.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e1) {

user.main(new String[]{});

frame.dispose();

}

});

GroupLayout gl\_contentPane = new GroupLayout(contentPane);

gl\_contentPane.setHorizontalGroup(

gl\_contentPane.createParallelGroup(Alignment.TRAILING)

.addGroup(gl\_contentPane.createSequentialGroup()

.addGroup(gl\_contentPane.createParallelGroup(Alignment.LEADING)

.addGroup(gl\_contentPane.createSequentialGroup()

.addGap(150)

.addComponent(lblAddcomment))

.addGroup(gl\_contentPane.createSequentialGroup()

.addGap(18)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.LEADING, false)

.addComponent(lblpostid)

.addComponent(lblfeedback)

)

.addGap(47)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.LEADING)

//.addComponent(textField\_2, GroupLayout.PREFERRED\_SIZE, 167, GroupLayout.PREFERRED\_SIZE)

.addComponent(textField\_1, GroupLayout.PREFERRED\_SIZE, 167, GroupLayout.PREFERRED\_SIZE)

.addComponent(textField, GroupLayout.PREFERRED\_SIZE, 167, GroupLayout.PREFERRED\_SIZE))))

.addContainerGap(125, Short.MAX\_VALUE))

.addGroup(Alignment.LEADING, gl\_contentPane.createSequentialGroup()

.addGap(50)

.addComponent(btnAdduser)

.addGap(30)

.addComponent(btnBack)

.addContainerGap())

);

gl\_contentPane.setVerticalGroup(

gl\_contentPane.createParallelGroup(Alignment.LEADING)

.addGroup(gl\_contentPane.createSequentialGroup()

.addComponent(lblAddcomment)

.addGap(18)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.BASELINE)

.addComponent(lblpostid)

.addComponent(textField, GroupLayout.PREFERRED\_SIZE, GroupLayout.DEFAULT\_SIZE, GroupLayout.PREFERRED\_SIZE))

.addGap(18)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.BASELINE)

.addComponent(lblfeedback)

.addComponent(textField\_1, GroupLayout.PREFERRED\_SIZE, GroupLayout.DEFAULT\_SIZE, GroupLayout.PREFERRED\_SIZE))

//.addGap(18)

//.addGroup(gl\_contentPane.createParallelGroup(Alignment.BASELINE)

//.addComponent(lblpno)

//.addComponent(textField\_2, GroupLayout.PREFERRED\_SIZE, GroupLayout.DEFAULT\_SIZE, GroupLayout.PREFERRED\_SIZE))

.addGap(18)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.BASELINE)

)

.addGap(30)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.BASELINE)

.addComponent(btnAdduser, GroupLayout.PREFERRED\_SIZE, 31, GroupLayout.PREFERRED\_SIZE)

.addComponent(btnBack, GroupLayout.PREFERRED\_SIZE, 31, GroupLayout.PREFERRED\_SIZE))

) );

contentPane.setLayout(gl\_contentPane);

}

}

**Delete comment:**

import java.awt.BorderLayout;

import java.awt.EventQueue;

import javax.swing.JFrame;

import javax.swing.JPanel;

import javax.swing.border.EmptyBorder;

import javax.swing.GroupLayout;

import javax.swing.GroupLayout.Alignment;

import javax.swing.JLabel;

import javax.swing.JOptionPane;

import javax.swing.JTextField;

import javax.swing.JButton;

import java.awt.Font;

import java.awt.event.ActionListener;

import java.awt.event.ActionEvent;

public class deletecomment extends JFrame {

static deletecomment frame;

private JPanel contentPane;

private JTextField textField;

/\*\*

\* Launch the application.

\*/

public static void main(String[] args) {

EventQueue.invokeLater(new Runnable() {

public void run() {

try {

frame = new deletecomment();

frame.setTitle("Delete comment Info.");

frame.setVisible(true);

} catch (Exception e) {

e.printStackTrace();

}

}

});

}

/\*\*

\* Create the frame.

\*/

public deletecomment() {

setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

setBounds(100, 100, 400, 200);

contentPane = new JPanel();

contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));

setContentPane(contentPane);

JLabel lblEnterId = new JLabel("Enter post Id :");

textField = new JTextField();

textField.setColumns(10);

JButton btnDelete = new JButton("Delete");

btnDelete.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

String pid=textField.getText();

if(pid==null||pid.trim().equals("")){

JOptionPane.showMessageDialog(deletecomment.this,"Id can't be blank");

}else{

int i=posttype.deletepost(pid);

if(i>0){

JOptionPane.showMessageDialog(deletecomment.this,"feedback deleted successfully!");

}else{

JOptionPane.showMessageDialog(deletecomment.this,"Unable to delete given id!");

}

}

}

});

btnDelete.setFont(new Font("Tahoma", Font.PLAIN, 13));

JButton btnNewButton = new JButton("Back");

btnNewButton.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

comment.main(new String[]{});

frame.dispose();

}

});

btnNewButton.setFont(new Font("Tahoma", Font.PLAIN, 13));

GroupLayout gl\_contentPane = new GroupLayout(contentPane);

gl\_contentPane.setHorizontalGroup(

gl\_contentPane.createParallelGroup(Alignment.LEADING)

.addGroup(gl\_contentPane.createSequentialGroup()

.addGap(39)

.addComponent(lblEnterId)

.addGap(57)

.addComponent(textField, GroupLayout.PREFERRED\_SIZE, 178, GroupLayout.PREFERRED\_SIZE)

.addContainerGap(107, Short.MAX\_VALUE))

.addGroup(gl\_contentPane.createSequentialGroup()

.addGap(100)

.addComponent(btnDelete)

.addGap(30)

.addComponent(btnNewButton)

)

);

gl\_contentPane.setVerticalGroup(

gl\_contentPane.createParallelGroup(Alignment.CENTER)

.addGroup(gl\_contentPane.createSequentialGroup()

.addGap(19)

.addGroup(gl\_contentPane.createParallelGroup(Alignment.LEADING)

.addComponent(textField, GroupLayout.PREFERRED\_SIZE, GroupLayout.DEFAULT\_SIZE, GroupLayout.PREFERRED\_SIZE)

.addComponent(lblEnterId))

.addGap(33)

.addGroup(gl\_contentPane.createParallelGroup()

.addComponent(btnDelete)

.addComponent(btnNewButton)

)));

contentPane.setLayout(gl\_contentPane);

}

}

**update comment:**

import java.awt.Color;

import java.awt.EventQueue;

import java.awt.Font;

import java.awt.event.ActionEvent;

import java.awt.event.ActionListener;

import java.sql.Connection;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import javax.swing.JButton;

import javax.swing.JFrame;

import javax.swing.JLabel;

import javax.swing.JOptionPane;

import javax.swing.JPanel;

import javax.swing.JTextField;

import javax.swing.border.EmptyBorder;

public class updatecomment extends JFrame {

private static final long serialVersionUID = 1L;

static updatecomment frame;

private JPanel contentPane;

private JTextField TextField;

private JLabel lblEnterOldPassword;

private JTextField TextField1;

private JLabel lblEnterNewPassword;

private JTextField TextField2;

private JLabel lblReEnterNewPassword;

/\*\*

\* Launch the application.

\*/

public static void main(String[] args) {

EventQueue.invokeLater(new Runnable() {

public void run() {

try {

frame = new updatecomment();

frame.setTitle("Modify comment Info.");

frame.setVisible(true);

} catch (Exception e) {

e.printStackTrace();

}

}

});

}

/\*\*

\* Create the frame.

\*/

public updatecomment() {

setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

setBounds(110, 95, 650, 350);

setResizable(false);

contentPane = new JPanel();

contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));

setContentPane(contentPane);

contentPane.setLayout(null);

TextField = new JTextField();

TextField.setFont(new Font("Tahoma", Font.PLAIN, 18));

TextField.setBounds(290, 37, 326, 40);

contentPane.add(TextField);

TextField.setColumns(10);

TextField1 = new JTextField();

TextField1.setFont(new Font("Tahoma", Font.PLAIN, 18));

TextField1.setBounds(290, 87, 326, 40);

contentPane.add(TextField1);

TextField.setColumns(10);

TextField2 = new JTextField();

TextField2.setFont(new Font("Tahoma", Font.PLAIN, 18));

TextField2.setBounds(290, 137, 326, 40);

contentPane.add(TextField2);

TextField2.setColumns(10);

TextField.setText("");

TextField1.setText("");

TextField2.setText("");

Connection con = DB.getConnection();

JButton btnBack = new JButton("Back");

btnBack.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

frame.dispose();

post.main(new String[]{});

}});

btnBack.setFont(new Font("Tahoma", Font.PLAIN, 20));

btnBack.setBackground(new Color(240, 240, 240));

btnBack.setBounds(450, 225, 130, 50);

contentPane.add(btnBack);

JButton btnSave = new JButton("Save");

btnSave.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

String b = TextField.getText();

String t = TextField1.getText();

String a = TextField2.getText();

if(posttype.checkpost(b)) {

try {

PreparedStatement st = con.prepareStatement("Update comment set feedback=? where pid=?");

st.setString(1, t);

st.setString(2, a);

// st.setString(3, b);

st.executeUpdate();

System.out.println("updated info for postid : " + a);

JOptionPane.showMessageDialog(btnSave, "Data Updated Successfully :)");

} catch (SQLException sqlException) {

sqlException.printStackTrace();

}}

else{

JOptionPane.showMessageDialog(updatecomment.this,"post ID is Invalid !!!");

TextField.setText("");

TextField1.setText("");

//TextField2.setText("");

}

}

});

btnSave.setFont(new Font("Tahoma", Font.PLAIN, 20));

btnSave.setBackground(new Color(240, 240, 240));

btnSave.setBounds(300, 225, 130, 50);

contentPane.add(btnSave);

lblEnterOldPassword = new JLabel("post ID :");

lblEnterOldPassword.setFont(new Font("Tahoma", Font.PLAIN, 18));

lblEnterOldPassword.setBounds(45, 37, 326, 40);

contentPane.add(lblEnterOldPassword);

lblEnterNewPassword = new JLabel("Feedback :");

lblEnterNewPassword.setFont(new Font("Tahoma", Font.PLAIN, 18));

lblEnterNewPassword.setBounds(45, 87, 326, 40);

contentPane.add(lblEnterNewPassword);

// lblReEnterNewPassword = new JLabel("Phone number :");

// lblReEnterNewPassword.setFont(new Font("Tahoma", Font.PLAIN, 18));

// lblReEnterNewPassword.setBounds(45, 137, 326, 40);

//contentPane.add(lblReEnterNewPassword);

JButton btnLoad = new JButton("Load");

btnLoad.addActionListener(new ActionListener() {

public void actionPerformed(ActionEvent e) {

String comment = TextField.getText();

String pid = TextField1.getText();

String feedback = TextField2.getText();

Connection con = DB.getConnection();

//String post = null;

if(posttype.checkpost(comment)) {

Statement st;

try {

PreparedStatement stmt = con.prepareStatement("select \* from comment where pid=?");

stmt.setString(1,comment);

ResultSet rs = stmt.executeQuery();

while(rs.next())

{ TextField.setText(rs.getString(1));

TextField1.setText(rs.getString(2));

// TextField2.setText(rs.getString(3));

}

} catch (SQLException e1) {

e1.printStackTrace();

}}else {

JOptionPane.showMessageDialog(updatecomment.this,"post ID is Invalid !!!");

TextField.setText("");

TextField1.setText("");

//TextField2.setText("");

}

}});

btnLoad.setFont(new Font("Tahoma", Font.PLAIN, 20));

btnLoad.setBackground(new Color(240, 240, 240));

btnLoad.setBounds(150, 225, 130, 50);

contentPane.add(btnLoad);

}

}

**view comment:**

import java.awt.BorderLayout;

import java.awt.EventQueue;

import java.sql.Connection;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.ResultSetMetaData;

import javax.swing.JFrame;

import javax.swing.JPanel;

import javax.swing.JScrollPane;

import javax.swing.border.EmptyBorder;

import javax.swing.JTable;

public class viewcomment extends JFrame {

private JPanel contentPane;

private JTable table;

public static void main(String[] args) {

EventQueue.invokeLater(new Runnable() {

public void run() {

try {

viewcomment frame = new viewcomment();

frame.setTitle("comment");

frame.setVisible(true);

} catch (Exception e) {

e.printStackTrace();

}

}

});

}

/\*\*

\* Create the frame.

\*/

public viewcomment() {

setDefaultCloseOperation(JFrame.DISPOSE\_ON\_CLOSE);

setBounds(100, 100, 450, 300);

contentPane = new JPanel();

contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));

contentPane.setLayout(new BorderLayout(0, 0));

setContentPane(contentPane);

String data[][]=null;

String column[]=null;

try{

Connection con=DB.getConnection();

PreparedStatement ps=con.prepareStatement("select \* from comment",ResultSet.TYPE\_SCROLL\_SENSITIVE,ResultSet.CONCUR\_UPDATABLE);

ResultSet rs=ps.executeQuery();

ResultSetMetaData rsmd=rs.getMetaData();

int cols=rsmd.getColumnCount();

column=new String[cols];

for(int i=1;i<=cols;i++){

column[i-1]=rsmd.getColumnName(i);

}

rs.last();

int rows=rs.getRow();

rs.beforeFirst();

data=new String[rows][cols];

int count=0;

while(rs.next()){

for(int i=1;i<=cols;i++){

data[count][i-1]=rs.getString(i);

}

count++;

}

con.close();

}catch(Exception e){System.out.println(e);}

table = new JTable(data,column);

table.setDefaultEditor(Object.class, null);

JScrollPane sp=new JScrollPane(table);

contentPane.add(sp, BorderLayout.CENTER);

}

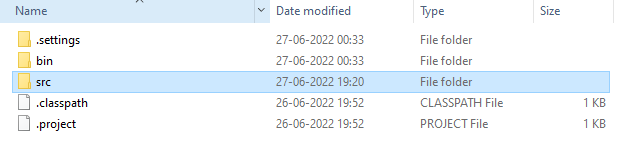
}

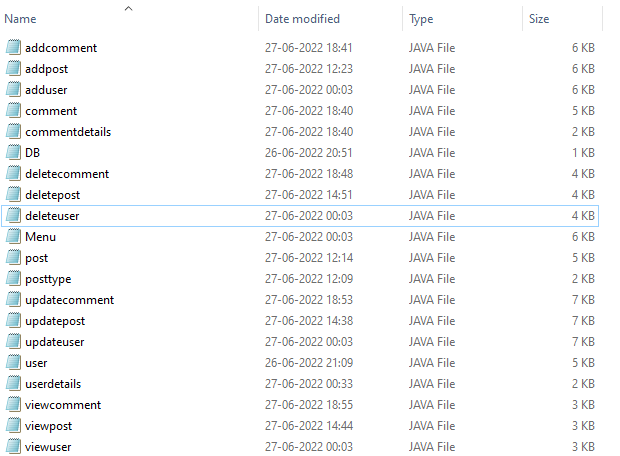
### GitHub links:

### 

### <https://github.com/srijadandu2503/DBMSPROJECT>

**Folder Structure:**





### Testing:

#### Java GUI Testing:

#### MENU:

#### 1.PNG

#### USER:

#### 3.PNG

#### 4.PNG5.PNG

#### 6.PNG

#### 7.PNG

#### 8.PNG9.PNG

#### 10.PNG

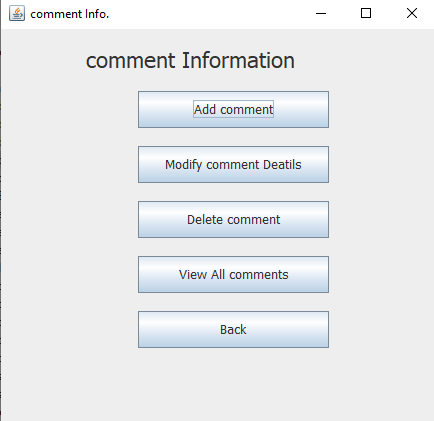
#### POSTS:

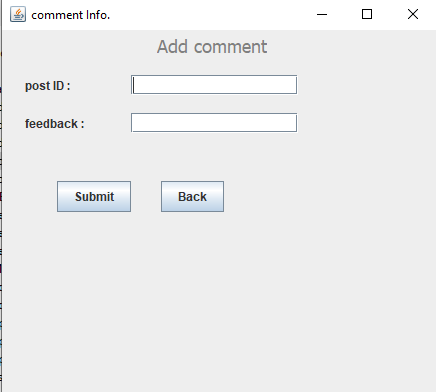
#### 1.PNG2.PNG

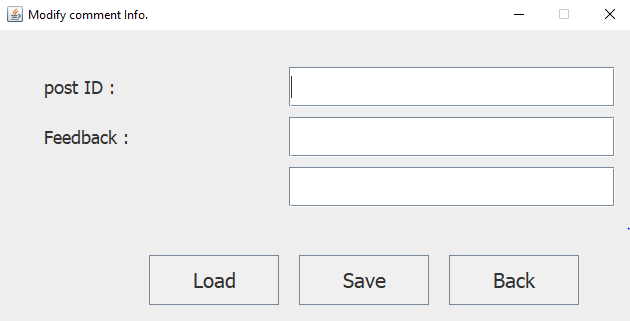
#### 3.PNG

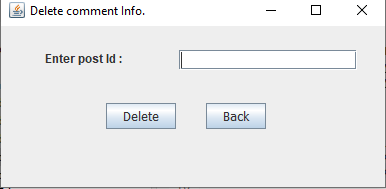
#### 4.PNG

**COMMENTS:**









### Results:

I successfully completed this MINI PROJECT “TWITTER POSTS FEEDBACK RETRIVAL SYSTEM”.

### Discussion and Future work

While doing this project I got new ideas I understood how to work on projects. Now to further extend this project I want to create a android app by which I can control my project on my hand and connect to it.

### References:

* [https://www.academia.edu/36893248/Ramakrishnan\_-](https://www.academia.edu/36893248/Ramakrishnan_-_Database_Management_Systems_3rd_Edition)

[\_Database\_Management\_Systems\_3rd\_Edition](https://www.academia.edu/36893248/Ramakrishnan_-_Database_Management_Systems_3rd_Edition)

* <https://docs.oracle.com/javase/7/docs/index.html>
* <https://www.javatpoint.com/dbms-tutorial>
* <http://www.sqlines.com/articles/java/sql_server_jdbc_connection>