## Slam Book

#### Pratiksha Gaikwad

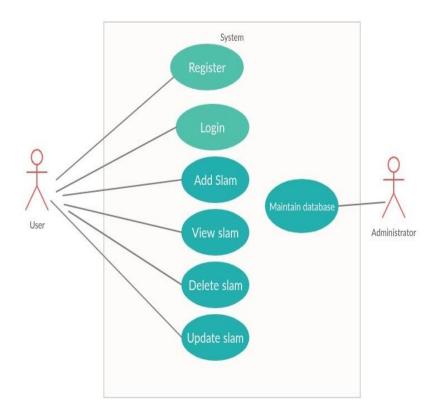
#### **Slam Book introduction**

- A slam book is a notebook which is passed among children and teenagers. The keeper of the book starts by posing a question (which may be on any subject) and the book is then passed round for each contributor to fill in their own answer to the question.
- Our project is a digital slam book. It is a way to know more about people like what they like, what they dislike, what they think, what they do. This is a personal memoir to the one to which it belongs. It is filled by friends, close pals, near and dear ones. It gives lots of interesting about them, like a nickname, phone no., hobbies, personal things, what quality they like in you and many more.
- In this Project user can register and login in system various menu provide to them like add slam, view slam, delete slam, update slam etc. All this things are saved in Mysql database. All database transaction remember our data.
- By using Eclipse java 2019-122 IDE and MySql database we implement this project.

### Java Concept used:

- This is java based project, all basic things of is used i.e. Classes and interfaces, packages, various java libraries etc.
- To implement this user interface we used java components GUI design, JDBC for database connectivity.
- To built GUI we used swing component like Jframe, Jbutton, Jmessahebox, Jtextfield, Jlable to
  design user define display. This component also perform actions when specific event get
  occurred.
- This components are used to fetch data and display data of user which is saved in database.

# **UML Diagram:**



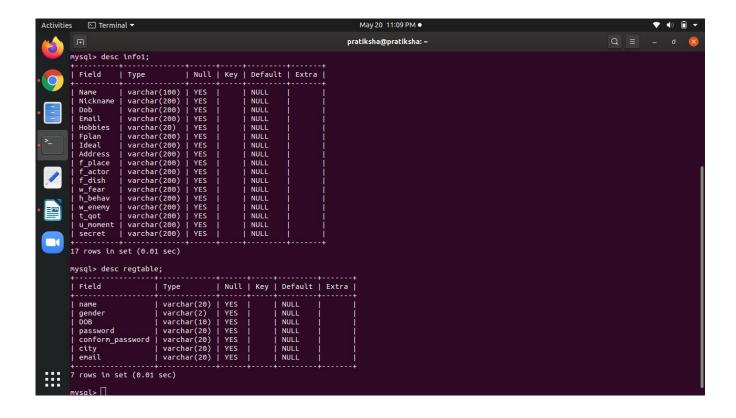
# **Features Provided:**

- 1. Easily accessible
- 2. A user can Log In, Log Out or Register
- 3. All data entries efficiently stored in database
- 4. User can easily change, delete and view data

# Table used:

- For registration and login
- slam data

info1 table and regtable table description



#### code:

#### 1. Main class which invokes 1st page

```
//
              MAIN FUNCTION/ CALLING PAGE
package pro2;
import javax.swing.*;
import java.awt.*;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import java.applet.*;
public class Gui
       public static void main(String[] args)
              EventQueue.invokeLater(new Runnable() {
                     public void run() {
                            try {
                                   FrontPage window = new FrontPage();
                                   window.frame3.setVisible(true);
                            } catch (Exception e) {
                                   e.printStackTrace();
              });
```

```
}
```

}

### 2. Calling class

```
//
                            FIRST/HOME PAGE
package pro2;
import java.awt.EventQueue;
import javax.swing.JFrame;
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 FrontPage {
       public JFrame frame3;
       * Launch the application.
       * Create the application.
       public FrontPage() {
              initialize();
       }
       * Initialize the contents of the frame.
       private void initialize() {
              frame3 = new JFrame();
              frame3.getContentPane().setBackground(new Color(139, 0, 139));
              frame3.getContentPane().setForeground(new Color(139, 0, 139));
              frame3.setBounds(60, 300, 1290, 750);
              frame3.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
              frame3.getContentPane().setLayout(null);
```

```
JLabel lblSlamBook = new JLabel("Slam Book");
lblSlamBook.setForeground(new Color(240, 128, 128));
lblSlamBook.setFont(new Font("DejaVu Math TeX Gyre", Font.BOLD, 70));
lblSlamBook.setBounds(426, 117, 469, 123);
frame3.getContentPane().add(lblSlamBook);
JButton btnLogin = new JButton("Login");
btnLogin.addActionListener(new ActionListener() {
       public void actionPerformed(ActionEvent arg0) {
              frame3.setVisible(false);
              EventQueue.invokeLater(new Runnable() {
       public void run() {
         try {
              MyConnection frame1 = new MyConnection();
           frame1.setVisible(true);
         } catch (Exception e) {
           e.printStackTrace();
     });
});
btnLogin.setBackground(new Color(51, 255, 204));
btnLogin.setForeground(new Color(255, 99, 71));
btnLogin.setFont(new Font("Chilanka", Font.BOLD, 20));
btnLogin.setToolTipText("Open Exixting Account");
btnLogin.setBounds(805, 371, 149, 55);
frame3.getContentPane().add(btnLogin);
JButton btnSignUp = new JButton("Sign up");
btnSignUp.addActionListener(new ActionListener() {
       public void actionPerformed(ActionEvent arg0) {
              frame3.setVisible(false);
              EventQueue.invokeLater(new Runnable()
                     public void run()
                            try
                                   new RegPage();
                            catch (Exception e)
                                   e.printStackTrace();
```

```
}
                           });
                    }
              });
             btnSignUp.setBackground(new Color(51, 255, 204));
             btnSignUp.setForeground(new Color(255, 127, 80));
             btnSignUp.setFont(new Font("Chilanka", Font.BOLD, 20));
             btnSignUp.setToolTipText("Create New Account");
             btnSignUp.setBounds(358, 371, 149, 55);
             frame3.getContentPane().add(btnSignUp);
             JLabel lblPratikshaGaikwadA = new JLabel("1) Pratiksha Gaikwad A3 21920026 ");
             lblPratikshaGaikwadA.setFont(new Font("Chandas", Font.BOLD, 20));
             lblPratikshaGaikwadA.setForeground(new Color(255, 99, 71));
             lblPratikshaGaikwadA.setBackground(new Color(255, 99, 71));
             lblPratikshaGaikwadA.setBounds(831, 594, 412, 66);
             frame3.getContentPane().add(lblPratikshaGaikwadA);
             JLabel lblKajalBhaleraoA = new JLabel("2) Kajal Bhalerao A3 21920076");
             lblKajalBhaleraoA.setFont(new Font("Chandas", Font.BOLD, 20));
             lblKajalBhaleraoA.setForeground(new Color(255, 99, 71));
             lblKajalBhaleraoA.setBounds(831, 633, 390, 42);
             frame3.getContentPane().add(lblKajalBhaleraoA);
       }
}
3. registration page
//
                           REGISTRTION PAGE
package pro2;
import java.util.*;
import javax.swing.*;
import java.awt.*;
import java.awt.event.*;
import java.sql.*;
import java.awt.color.*;
public class RegPage implements ActionListener
             public JFrame frame4;
             String[] gender={"M","F"};
         JLabel nameLabel=new JLabel("NAME");
         //nameLabel.setBackground(Color.pink);
         JLabel genderLabel=new JLabel("GENDER");
         JLabel fatherNameLabel=new JLabel("DOB");
```

```
JLabel passwordLabel=new JLabel("PASSWORD");
JLabel confirmPasswordLabel=new JLabel("CONFIRM PASSWORD");
JLabel cityLabel=new JLabel("CITY");
JLabel emailLabel=new JLabel("EMAIL");
JTextField nameTextField=new JTextField();
JComboBox genderComboBox=new JComboBox(gender);
JTextField fatherTextField=new JTextField():
JPasswordField passwordField=new JPasswordField();
JPasswordField confirmPasswordField=new JPasswordField();
JTextField cityTextField=new JTextField();
JTextField emailTextField=new JTextField();
JButton registerButton=new JButton("REGISTER");
JButton resetButton=new JButton("RESET");
JButton menutButton=new JButton("Home");
RegPage()
  createWindow();//calling method from constructor
  setLocationAndSize();
  addComponentsToFrame();
  actionEvent();
}
public void createWindow()
  frame4=new JFrame();
  frame4.setTitle("Registration Form");
  frame4.setBounds(60, 20, 1310, 740);
  frame4.getContentPane().setBackground(new Color(204, 51, 153));
  frame4.getContentPane().setLayout(null);
  frame4.setVisible(true);
  frame4.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
  frame4.setResizable(false);
public void setLocationAndSize()
  //Setting Location and Size of Each Component
  nameLabel.setBounds(470,20,100,80);
      nameLabel.setForeground(Color.white);
      nameLabel.setFont(new Font("DejaVu Math TeX Gyre", Font.BOLD, 20));
  genderLabel.setBounds(470,70,100,80);
  genderLabel.setForeground(Color.white);
  genderLabel.setFont(new Font("DejaVu Math TeX Gyre", Font.BOLD, 20));
  fatherNameLabel.setBounds(470,120,150,80);
  fatherNameLabel.setForeground(Color.white);
  fatherNameLabel.setFont(new Font("DejaVu Math TeX Gyre", Font.BOLD, 20));
```

```
passwordLabel.setBounds(470,170,150,80);
  passwordLabel.setForeground(Color.white);
  passwordLabel.setFont(new Font("DejaVu Math TeX Gyre", Font.BOLD, 20));
  confirmPasswordLabel.setBounds(470,220,330,80);
  confirmPasswordLabel.setForeground(Color.white);
  confirmPasswordLabel.setFont(new Font("DejaVu Math TeX Gyre", Font.BOLD, 20));
  cityLabel.setBounds(470,270,150,80);
  cityLabel.setForeground(Color.white);
  cityLabel.setFont(new Font("DejaVu Math TeX Gyre", Font.BOLD, 20));
  emailLabel.setBounds(470,320,150,80);
  emailLabel.setForeground(Color.white);
  emailLabel.setFont(new Font("DejaVu Math TeX Gyre", Font.BOLD, 20));
  nameTextField.setBounds(650,43,165,23);
  genderComboBox.setBounds(650,93,165,23);
  fatherTextField.setBounds(650,143,165,23);
  passwordField.setBounds(650,193,165,23);
  confirmPasswordField.setBounds(710,243,165,23);
  cityTextField.setBounds(650,293,165,23);
  emailTextField.setBounds(650,343,165,23);
  registerButton.setBounds(500,500,100,35);
  registerButton.setBackground(Color.cyan);
  resetButton.setBounds(700,500,100,35);
  resetButton.setBackground(Color.cyan);
  menutButton.setBounds(900,30,150,40);
  menutButton.setBackground(Color.cyan);
public void addComponentsToFrame()
  //Adding components to Frame
  frame4.add(nameLabel);
  frame4.add(genderLabel);
  frame4.add(fatherNameLabel);
  frame4.add(passwordLabel);
  frame4.add(confirmPasswordLabel);
  frame4.add(cityLabel);
  frame4.add(emailLabel);
  frame4.add(nameTextField);
  frame4.add(genderComboBox);
  frame4.add(fatherTextField);
  frame4.add(passwordField);
  frame4.add(confirmPasswordField);
  frame4.add(cityTextField);
  frame4.add(emailTextField);
  frame4.add(registerButton);
  frame4.add(resetButton);
```

```
frame4.add(menutButton);
         public void actionEvent()
           //Adding Action Listener to buttons
            registerButton.addActionListener(this);
            resetButton.addActionListener(this);
            menutButton.addActionListener(this);
              @SuppressWarnings("deprecation")
              @Override
         public void actionPerformed(ActionEvent e)
                     if(e.getSource()==registerButton)
              try {
                //Creating Connection Object
                Connection connection=DriverManager.getConnection("jdbc:mysql://localhost:3306/
pratiksha", "pvg", "pratikshag9");
                PreparedStatement Pstatement=connection.prepareStatement("insert into regtable
values(?,?,?,?,?,?)");
                //Specifying the values of it's parameter
                Pstatement.setString(1,nameTextField.getText());
                Pstatement.setString(2,genderComboBox.getSelectedItem().toString());
                Pstatement.setString(3,fatherTextField.getText());
                Pstatement.setString(4,passwordField.getText());
                Pstatement.setString(5,confirmPasswordField.getText());
                Pstatement.setString(6,cityTextField.getText());
                Pstatement.setString(7,emailTextField.getText());
                //Checking for the Password match
                if(passwordField.getText().equalsIgnoreCase(confirmPasswordField.getText()))
                   //Executing query
                   Pstatement.executeUpdate();
                   JOptionPane.showMessageDialog(null,"Data Registered Successfully! Now you
can login");
                   frame4.setVisible(false);
                                   EventQueue.invokeLater(new Runnable() {
                            public void run() {
                               try {
                                    MyConnection frame1 = new MyConnection();
                                 frame1.setVisible(true);
                               } catch (Exception e) {
                                 e.printStackTrace();
```

```
}
              });
    else
       JOptionPane.showMessageDialog(null,"password did not match");
  } catch (SQLException e1) {
    e1.printStackTrace();
if(e.getSource()==resetButton)
  //Clearing Fields
  nameTextField.setText("");
  genderComboBox.setSelectedItem("M");
  fatherTextField.setText("");
  passwordField.setText("");
  confirmPasswordField.setText("");
  cityTextField.setText("");
  emailTextField.setText("");
if(e.getSource()==menutButton)
  frame4.setVisible(false);
  EventQueue.invokeLater(new Runnable()
                public void run()
                       try
                              FrontPage window1 = new FrontPage();
                              window1.frame3.setVisible(true);
                        } catch (Exception e)
                              e.printStackTrace();
                }
         });
}
```

### 4.login page

```
//
                     LOGIN PAGE
package pro2;
import java.sql.*;
import java.lang.*;
import java.util.*;
import javax.swing.*;
import java.awt.*;
import java.awt.event.*;
import java.awt.color.*;
public class MyConnection extends JFrame
       private static final long serialVersionUID = 1;
  private JTextField textField;
  private JPasswordField passwordField;
  private JButton btnNewButton,btnhome;
  private JLabel label;
  private JPanel contentPane;
  public MyConnection() {
    setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
    setBounds(60, 20, 1310, 740);
    setResizable(false);
    contentPane = new JPanel();
    //contentPane.setBorder(new Border(5, 5, 5, 5));
    setContentPane(contentPane);
    contentPane.setLayout(null);
    contentPane.setBackground(new Color(204, 51, 153));
    JLabel lblNewLabel = new JLabel("Login");
    lblNewLabel.setForeground(Color.white);
    lblNewLabel.setFont(new Font("Chandas", Font.BOLD, 46));
    lblNewLabel.setBounds(423, 13, 273, 93);
    contentPane.add(lblNewLabel);
    textField = new JTextField();
    textField.setFont(new Font("Chandas", Font.BOLD, 20));
    textField.setBounds(481, 170, 281, 68);
    contentPane.add(textField);
    textField.setColumns(10);
```

```
passwordField = new JPasswordField();
    passwordField.setFont(new Font("Chandas", Font.PLAIN, 20));
    passwordField.setBounds(481, 286, 281, 68);
    contentPane.add(passwordField);
    JLabel lblUsername = new JLabel("Username");
    lblUsername.setBackground(Color.BLACK);
    lblUsername.setForeground(Color.white);
    lblUsername.setFont(new Font("Chandas", Font.BOLD, 30));
    lblUsername.setBounds(250, 166, 193, 52);
    contentPane.add(lblUsername);
    JLabel lblPassword = new JLabel("Password");
    lblPassword.setForeground(Color.white);
    lblPassword.setBackground(Color.CYAN);
    lblPassword.setFont(new Font("Chandas", Font.BOLD, 30));
    lblPassword.setBounds(250, 286, 193, 52);
    contentPane.add(lblPassword);
    btnNewButton = new JButton("Login");
    btnNewButton.setFont(new Font("Chandas", Font.BOLD, 20));
    btnNewButton.setBounds(545, 392, 163, 50);
    btnNewButton.setBackground(Color.cyan);
    btnNewButton.addActionListener(new ActionListener() {
      public void actionPerformed(ActionEvent e) {
         String userName = textField.getText();
         String password = passwordField.getText();
           Connection = (Connection)
DriverManager.getConnection("jdbc:mysql://localhost:3306/pratiksha", "pvg", "pratikshag9");
           PreparedStatement st = (PreparedStatement) connection.prepareStatement("Select name,
password from regtable where name=? and password=?");
           st.setString(1, userName);
           st.setString(2, password);
           ResultSet rs = st.executeQuery();
           if (rs.next())
           {
             dispose();
                           EventQueue.invokeLater(new Runnable()
                                  public void run()
                                         try
```

```
{
                                            callingclass cc=new callingclass();
                                            cc.frame1.setVisible(true);
                                     catch (Exception e)
                                            e.printStackTrace();
                                     }
                              }
                       });
         JOptionPane.showMessageDialog(btnNewButton, "You have successfully logged in");
         JOptionPane.showMessageDialog(btnNewButton, "Wrong Username or Password");
     } catch (SQLException sqlException) {
       sqlException.printStackTrace();
});
contentPane.add(btnNewButton);
btnhome = new JButton("Home");
btnhome.setFont(new Font("Chandas", Font.BOLD, 20));
btnhome.setBounds(995, 52, 163, 50);
btnhome.setBackground(Color.cyan);
btnhome.addActionListener(new ActionListener() {
  public void actionPerformed(ActionEvent e) {
         setVisible(false);
         EventQueue.invokeLater(new Runnable() {
                       public void run() {
                              try {
                                     FrontPage window1 = new FrontPage();
                                     window1.frame3.setVisible(true);
                              } catch (Exception e) {
                                     e.printStackTrace();
                       }
                });
  }
});
contentPane.add(btnhome);
```

}

```
private void setColor(Color red) {
             // TODO Auto-generated method stub
       }
}
5. Menu page
//
                    MENU PAGE
package pro2;
import javax.swing.JFrame;
import javax.swing.JOptionPane;
import javax.swing.JButton;
import javax.swing.AbstractAction;
import java.awt.event.ActionEvent;
import javax.swing.Action;
import java.awt.*;
import java.applet.*;
import java.awt.event.*;
public class callingclass implements ActionListener
       public JFrame frame1;
       public JButton btnConnectionn,btnWindow;
       public callingclass() {
             initialize();
       }
       public void initialize()
             frame1 = new JFrame();
             frame1.getContentPane().setFont(new Font("Chandas", Font.BOLD, 14));
             frame1.getContentPane().setBackground(new Color(204, 51, 153));
             frame1.setBackground(Color.WHITE);
             frame1.setBounds(60, 300, 1290, 750);
             frame1.setDefaultCloseOperation(JFrame.EXIT ON CLOSE);
             frame1.setDefaultCloseOperation(JFrame.HIDE_ON_CLOSE);
             frame1.getContentPane().setLayout(null);
             btnWindow = new JButton("window");
             btnWindow.setBounds(273, 98, 114, 25);
             JButton btnLogout = new JButton("Logout");
             btnLogout.setBackground(new Color(51, 255, 204));
             btnLogout.setFont(new Font("Chandas", Font.BOLD, 14));
             btnLogout.addActionListener(new ActionListener() {
```

```
public void actionPerformed(ActionEvent arg0) {
              frame1.setVisible(false);
              EventQueue.invokeLater(new Runnable()
                     public void run()
                           try
                                  FrontPage window = new FrontPage();
                                  window.frame3.setVisible(true);
       JOptionPane.showMessageDialog(btnLogout, "logged out");
                           catch (Exception e)
                                  e.printStackTrace();
              });
       }
});
btnLogout.setBackground(new Color(51, 255, 204));
btnLogout.setFont(new Font("Chandas", Font.BOLD, 14));
btnLogout.setBounds(980, 15, 137, 45);
frame1.getContentPane().add(btnLogout);
JButton btnConnectionn = new JButton("Add slam");
btnConnectionn.setFont(new Font("Chandas", Font.BOLD, 14));
btnConnectionn.setBackground(new Color(51, 255, 204));
btnConnectionn.addActionListener(new ActionListener() {
       public void actionPerformed(ActionEvent arg0) {
              frame1.setVisible(false);
              EventQueue.invokeLater(new Runnable()
                    public void run()
                           try
                            {
                                  Mywindow window = new Mywindow();
                                  window.frame.setVisible(true);
                            catch (Exception e)
```

```
e.printStackTrace();
                            }
                     }
              });
       }
});
btnConnectionn.setBounds(245, 151, 144, 86);
frame1.getContentPane().add(btnConnectionn);
JButton btnView = new JButton("View slam");
btnView.addActionListener(newActionListener() {
       public void actionPerformed(ActionEvent arg0) {
              frame1.setVisible(false);
              EventQueue.invokeLater(new Runnable()
                     public void run()
                            try
                            {
                                   Disp window2 = new Disp();
                                   window2.frame2.setVisible(true);
                            catch (Exception e)
                                   e.printStackTrace();
              });
       }
});
btnView.setBackground(new Color(51, 255, 204));
btnView.setFont(new Font("Chandas", Font.BOLD, 14));
btnView.setBounds(556, 232, 144, 86);
frame1.getContentPane().add(btnView);
JButton Delete = new JButton("Delete slam");
Delete.addActionListener(new ActionListener() {
       public void actionPerformed(ActionEvent arg0) {
              frame1.setVisible(false);
              EventQueue.invokeLater(new Runnable() {
                     public void run() {
                            try
                                   Delt window = new Delt();
```

```
window.frame5.setVisible(true);
                                          catch (Exception e) {
                                                 e.printStackTrace();
                                          }
                            });
                     }
              });
             Delete.setFont(new Font("Chandas", Font.BOLD, 15));
             Delete.setBackground(Color.CYAN);
             Delete.setBounds(270, 355, 144, 86);
             frame1.getContentPane().add(Delete);
             JButton btnUpdate = new JButton("Update slam");
             btnUpdate.addActionListener(new ActionListener() {
                     public void actionPerformed(ActionEvent arg0) {
                            frame1.setVisible(false);
                            EventQueue.invokeLater(new Runnable() {
                                   public void run() {
                                          try
                                          {
                                                 updt windowss = new updt();
                                                 windowss.frame6.setVisible(true);
                                          catch (Exception e) {
                                                 e.printStackTrace();
                                          }
                            });
                     }
              });
             btnUpdate.setFont(new Font("Chandas", Font.BOLD, 15));
             btnUpdate.setBackground(Color.CYAN);
             btnUpdate.setBounds(573, 472, 144, 86);
             frame1.getContentPane().add(btnUpdate);
       }
       @Override
       public void actionPerformed(ActionEvent arg0) {
             // TODO Auto-generated method stub
       }
}
```

### 6. frame for new record

```
//
                             ADD PAGE
package pro2;
import java.awt.*;
import java.awt.event.*;
import javax.swing.*;
import java.awt.event.ActionListener;
import java.sql.*;
public class Mywindow {
       public JFrame frame;
       public JTextField txtName;
       public JTextField textDob;
       private JTextField textDateofbirth;
       private JTextField textEmail;
       private JTextField textHob;
       private JTextField textFplan;
       private JTextField textIdeal;
       private JTextField textAdd;
       private JTextField textField;
       private JTextField textField 1;
       private JTextField textField_2;
       private JTextField textField_3;
       private JTextField textField_4;
       private JTextField textField 5;
       private JTextField textField_6;
       private JTextField textField 7;
       private JTextField textField_8;
       /**
        * Launch the application.
       /*public static void main(String[] args) {
              EventQueue.invokeLater(new Runnable() {
                      public void run() {
                             try {
                                     Mywindow window = new Mywindow();
                                     window.frame.setVisible(true);
                             } catch (Exception e) {
                                     e.printStackTrace();
                             }
                      }
              });
       }*/
        * Create the application.
```

```
public Mywindow() {
      initialize();
}
/**
* Initialize the contents of the frame.
private void initialize() {
      frame = new JFrame();
      frame.setBounds(60, 300, 1290, 750);
      frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
      frame.getContentPane().setLayout(null);
      frame.getContentPane().setBackground(new Color(139, 0, 139));
      frame.getContentPane().setForeground(new Color(139, 0, 139));
      JLabel lblName = new JLabel("Your Name :");
      lblName.setForeground(Color.WHITE);
      lblName.setBounds(41, 48, 99, 19);
      frame.getContentPane().add(lblName);
      txtName = new JTextField();
      txtName.setToolTipText("Please Enter name here ");
      txtName.setBounds(152, 48, 190, 27);
      frame.getContentPane().add(txtName);
      txtName.setColumns(10);
      JLabel lblNickName = new JLabel("Nick Name :");
      lblNickName.setForeground(Color.WHITE);
      lblNickName.setBounds(43, 87, 88, 34);
      frame.getContentPane().add(lblNickName);
      JLabel lblDateOfBirth = new JLabel("Date of birth :");
      lblDateOfBirth.setForeground(Color.WHITE);
      lblDateOfBirth.setBounds(27, 133, 104, 27);
      frame.getContentPane().add(lblDateOfBirth);
      textDob = new JTextField();
      textDob.setToolTipText("Enter nickname here");
      textDob.setBounds(152, 87, 124, 34);
      frame.getContentPane().add(textDob);
      textDob.setColumns(10);
      JLabel lblEmail = new JLabel("Email :");
      lblEmail.setForeground(Color.WHITE);
      lblEmail.setBounds(65, 181, 66, 19);
      frame.getContentPane().add(lblEmail);
      JLabel lblHobbies = new JLabel("Hobbies :");
      lblHobbies.setForeground(Color.WHITE);
```

```
lblHobbies.setBounds(54, 254, 99, 15);
frame.getContentPane().add(lblHobbies);
JLabel lblFuturePlans = new JLabel("Future Plans :");
lblFuturePlans.setForeground(Color.WHITE);
lblFuturePlans.setBounds(12, 318, 104, 15);
frame.getContentPane().add(lblFuturePlans);
JLabel lblIdeal = new JLabel("Ideal :");
lblIdeal.setForeground(Color.WHITE);
lblIdeal.setBounds(54, 381, 66, 15);
frame.getContentPane().add(lblIdeal);
textDateofbirth = new JTextField();
textDateofbirth.setBounds(143, 133, 133, 22);
frame.getContentPane().add(textDateofbirth);
textDateofbirth.setColumns(10);
textEmail = new JTextField();
textEmail.setBounds(133, 178, 226, 34);
frame.getContentPane().add(textEmail);
textEmail.setColumns(10);
textHob = new JTextField();
textHob.setBounds(143, 244, 175, 34);
frame.getContentPane().add(textHob);
textHob.setColumns(10);
textFplan = new JTextField();
textFplan.setBounds(143, 313, 216, 34);
frame.getContentPane().add(textFplan);
textFplan.setColumns(10);
textIdeal = new JTextField();
textIdeal.setBounds(133, 376, 199, 27);
frame.getContentPane().add(textIdeal);
textIdeal.setColumns(10);
JLabel lblFavoriteHoidaySite = new JLabel("Favorite Holiday Site");
lblFavoriteHoidaySite.setForeground(Color.WHITE);
lblFavoriteHoidaySite.setBounds(538, 32, 215, 34);
frame.getContentPane().add(lblFavoriteHoidaySite);
JLabel lblFavoriteActor = new JLabel("Favorite Actor");
lblFavoriteActor.setForeground(Color.WHITE);
lblFavoriteActor.setBounds(538, 93, 205, 23);
frame.getContentPane().add(lblFavoriteActor);
JLabel lblFavoriteDish = new JLabel("Favorite Dish");
```

```
lblFavoriteDish.setForeground(Color.WHITE);
lblFavoriteDish.setBounds(538, 135, 205, 18);
frame.getContentPane().add(lblFavoriteDish);
JLabel lblWorstFear = new JLabel("Worst Fear");
lblWorstFear.setForeground(Color.WHITE);
lblWorstFear.setBounds(538, 181, 164, 18);
frame.getContentPane().add(lblWorstFear);
JLabel lblMostHatedBehavior = new JLabel("Most Hated Behavior");
lblMostHatedBehavior.setForeground(Color.WHITE);
lblMostHatedBehavior.setBounds(538, 224, 175, 18);
frame.getContentPane().add(lblMostHatedBehavior);
JLabel lblMostHeatedBehavior = new JLabel("Worst Enemy");
lblMostHeatedBehavior.setForeground(Color.WHITE);
lblMostHeatedBehavior.setBounds(538, 272, 164, 18);
frame.getContentPane().add(lblMostHeatedBehavior);
JLabel lblLifeTimeQuotation = new JLabel("Life Time Quotation");
lblLifeTimeQuotation.setForeground(Color.WHITE);
lblLifeTimeOuotation.setBounds(550, 321, 152, 18);
frame.getContentPane().add(lblLifeTimeQuotation);
JLabel lblAnUnforgettableMoment = new JLabel("An Unforgettable moment");
lblAnUnforgettableMoment.setForeground(Color.WHITE);
lblAnUnforgettableMoment.setBounds(538, 379, 215, 18);
frame.getContentPane().add(lblAnUnforgettableMoment);
JLabel lblSecrets = new JLabel("Secrets");
lblSecrets.setForeground(Color.WHITE);
lblSecrets.setBounds(538, 452, 110, 18);
frame.getContentPane().add(lblSecrets);
textField = new JTextField();
textField.setBounds(696, 32, 190, 34);
frame.getContentPane().add(textField);
textField.setColumns(10);
textField 1 = new JTextField();
textField_1.setBounds(675, 87, 175, 34);
frame.getContentPane().add(textField_1);
textField_1.setColumns(10);
textField_2 = new JTextField();
textField 2.setBounds(654, 134, 152, 24);
frame.getContentPane().add(textField_2);
textField 2.setColumns(10);
```

```
textField 3 = new JTextField();
              textField_3.setBounds(629, 173, 164, 34);
              frame.getContentPane().add(textField_3);
              textField 3.setColumns(10);
              textField 4 = new JTextField();
              textField_4.setBounds(706, 215, 180, 36);
              frame.getContentPane().add(textField_4);
              textField 4.setColumns(10);
              textField_5 = new JTextField();
              textField 5.setBounds(641, 264, 186, 35);
              frame.getContentPane().add(textField_5);
              textField 5.setColumns(10);
              textField 6 = new JTextField();
              textField_6.setBounds(712, 320, 306, 27);
              frame.getContentPane().add(textField 6);
              textField_6.setColumns(10);
              textField_7 = new JTextField();
              textField_7.setBounds(747, 372, 291, 34);
              frame.getContentPane().add(textField_7);
              textField 7.setColumns(10);
              textField 8 = new JTextField();
              textField_8.setBounds(627, 443, 274, 27);
              frame.getContentPane().add(textField 8);
              textField_8.setColumns(10);
              // Save button for adding entries in database
              JButton btnSave = new JButton("SAVE");
              btnSave.setBackground(new Color(51, 255, 204));
              btnSave.setFont(new Font("Chandas", Font.BOLD, 14));
              btnSave.addActionListener(new ActionListener()
                     public void actionPerformed(ActionEvent arg0)
                            try
                            Connection
connection=DriverManager.getConnection("jdbc:mysql://localhost:3306/
pratiksha", "pvg", "pratikshag9");
```

PreparedStatement Pstatement1=connection.prepareStatement("insert into info1 values(?,?,?,?,?,?,?,?,?,?,?,?,?)");
//Specifying the values of it's parameter

```
Pstatement1.setString(2, textDob.getText());
            Pstatement1.setString(3, textDateofbirth.getText());
            Pstatement1.setString(4, textEmail.getText());
            Pstatement1.setString(5, textHob.getText());
            Pstatement1.setString(6, textFplan.getText());
            Pstatement1.setString(7, textIdeal.getText());
            Pstatement1.setString(8, textAdd.getText());
            Pstatement1.setString(9, textField.getText());
            Pstatement1.setString(10, textField_1.getText());
            Pstatement1.setString(11, textField_2.getText());
            Pstatement1.setString(12, textField 3.getText());
            Pstatement1.setString(13, textField_4.getText());
            Pstatement1.setString(14, textField 5.getText());
            Pstatement1.setString(15, textField_6.getText());
            Pstatement1.setString(16, textField 7.getText());
            Pstatement1.setString(17, textField_8.getText());
            Pstatement1.executeUpdate();
                             JOptionPane.showMessageDialog(null,"Record Saved Successfully!");
                             frame.setVisible(false);
                             callingclass cc=new callingclass();
                                     cc.frame1.setVisible(true);
       }
                      catch (SQLException e1)
          e1.printStackTrace();
       }
                      }
              });
              btnSave.setToolTipText("Once you click this button data will get saved in database and
you will redirect to next page.");
              btnSave.setBounds(313, 606, 110, 36);
              frame.getContentPane().add(btnSave);
              // Reset button
              JButton btnReset = new JButton("RESET");
              btnReset.setBackground(new Color(51, 255, 204));
              btnReset.setFont(new Font("Chandas", Font.BOLD, 14));
              btnReset.addActionListener(new ActionListener() {
```

Pstatement1.setString(1, txtName.getText());

```
public void actionPerformed(ActionEvent arg0) {
              textDob.setText(" ");
              txtName.setText(" ");
              textDateofbirth.setText(" ");
              textEmail.setText(" ");
              textFplan.setText(" ");
              textHob.setText(" ");
              textIdeal.setText(" ");
              textAdd.setText(" ");
              JOptionPane.showMessageDialog(null,"Reset Successfully!");
       }
});
btnReset.setToolTipText("By clicking this button all data entries get vanish.");
btnReset.setBounds(643, 606, 110, 36);
frame.getContentPane().add(btnReset);
JLabel lblAddress = new JLabel("Address :");
lblAddress.setForeground(Color.WHITE);
lblAddress.setBounds(50, 452, 70, 18);
frame.getContentPane().add(lblAddress);
textAdd = new JTextField();
textAdd.setBounds(142, 439, 190, 34);
frame.getContentPane().add(textAdd);
textAdd.setColumns(10);
JButton btnGoToMenu = new JButton("Go To Menu");
btnGoToMenu.setBackground(new Color(51, 255, 204));
btnGoToMenu.setFont(new Font("Chandas", Font.BOLD, 14));
btnGoToMenu.addActionListener(new ActionListener() {
       public void actionPerformed(ActionEvent arg0) {
              frame.setVisible(false);
              EventQueue.invokeLater(new Runnable() {
                     public void run() {
                            try {
                                   callingclass window = new callingclass();
                                   window.frame1.setVisible(true);
                            } catch (Exception e) {
                                   e.printStackTrace();
                            }
                     }
              });
       }
});
```

```
btnGoToMenu.setBounds(948, 606, 152, 36);
             frame.getContentPane().add(btnGoToMenu);
             JButton btnLogout = new JButton("Logout");
             btnLogout.setBackground(new Color(51, 255, 204));
             btnLogout.setFont(new Font("Chandas", Font.BOLD, 14));
             btnLogout.addActionListener(new ActionListener() {
                     public void actionPerformed(ActionEvent arg0) {
                            frame.setVisible(false);
                            EventQueue.invokeLater(new Runnable() {
                                   public void run() {
                                         try {
                                                 FrontPage window = new FrontPage();
                                                 window.frame3.setVisible(true);
                     JOptionPane.showMessageDialog(btnLogout, "logged out");
                                          } catch (Exception e) {
                                                 e.printStackTrace();
                                          }
                            });
                     }
              });
             btnLogout.setBounds(1075, 39, 110, 36);
             frame.getContentPane().add(btnLogout);
       }
}
7. frame for view records
//
                                   VIEW PAGE
package pro2;
import java.awt.Color;
import java.awt.EventQueue;
import javax.swing.JFrame;
import javax.swing.JLabel;
import javax.swing.JOptionPane;
import java.awt.Font;
import javax.swing.JTextField;
import javax.swing.JTextArea;
```

```
import javax.swing.JButton;
import java.awt.event.ActionListener;
import java.awt.event.ActionEvent;
import java.sql.*;
public class Disp {
      public JFrame frame2;
      public JTextField textName;
      public String nm;
      public Disp() {
             initialize();
      private void initialize()
             frame2 = new JFrame();
             frame2.setBounds(60, 300, 1290, 750);
             frame2.getContentPane().setBackground(new Color(204, 51, 153));
             frame2.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
             frame2.getContentPane().setLayout(null);
             JLabel lblName = new JLabel("Enter name to view slam");
             lblName.setFont(new Font("Century Schoolbook L", Font.BOLD, 24));
             lblName.setBounds(307, 36, 456, 55);
             frame2.getContentPane().add(lblName);
             textName = new JTextField();
             textName.setBounds(660, 43, 268, 47);
             frame2.getContentPane().add(textName);
             textName.setColumns(10);
             JTextArea textArea_1 = new JTextArea();
             textArea 1.setBounds(95, 103, 1043, 537);
             frame2.getContentPane().add(textArea_1);
             JButton btnView = new JButton("View");
             btnView.setBackground(new Color(51, 255, 204));
             btnView.setFont(new Font("Chandas", Font.BOLD, 14));
             btnView.addActionListener(new ActionListener() {
                     public void actionPerformed(ActionEvent arg0) {
                                   String userName = textName.getText();
                       try {
                      Connection connection = (Connection)
DriverManager.getConnection("jdbc:mysql://localhost:3306/pratiksha", "pvg", "pratikshag9");
```

```
PreparedStatement st = (PreparedStatement)
connection.prepareStatement("Select * from info1 where name=? ");
                                                                  st.setString(1, userName);
                                                                  ResultSet rs = st.executeQuery();
                                                               //st.setString(1, Name1);
                                                               while (rs.next())
                                                                  textArea_1.setText("\t\n\nName= "+rs.getString(1)+ "\t\n\n" + "NickName=
"+rs.getString(2)+ "\t\n\n" + "Date of Birth= "+rs.getString(3)+ "\t\n\n" + "Email= "+rs.getString(4)+
"+rs.getString(7)+ "\t^{n}" + "Address= "+rs.getString(8)+ "\t^{n}" + "Favorite Holiday site=
"+rs.getString(9)+ "\t\n\n" + "Favorite Actor= "+rs.getString(10)+ "\t\n\n" + "Favorite Dish=
"+rs.getString(11)+ "t = \text{"Worst Fear} = \text{"+rs.getString}(12) + \text{"}t = \text{Behavior} = \text{"+rs.getString}(12) + \text{"}t = \text{"+rs.getString}(12) + \text{"+rs.getString}(
"+rs.getString(13)+ "\t\n\n" + "Worst Enemy= "+rs.getString(14)+ "\t\n\n" + "Life Time Quotation=
"+rs.getString(15)+ "\t\n\n" + "Unforgottable Moment= "+rs.getString(16)+ "\t\n\n" + "Secret=
"+rs.getString(17));
                                                                }
                                                               st.close();
                                                            catch (Exception e)
                                                                          e.printStackTrace();
                                    });
                                    btnView.setBounds(979, 45, 139, 43);
                                    frame2.getContentPane().add(btnView);
                                   JButton btnMenu = new JButton("Menu ");
                                    btnMenu.setBackground(new Color(51, 255, 204));
                                    btnMenu.setFont(new Font("Chandas", Font.BOLD, 14));
                                    btnMenu.addActionListener(new ActionListener() {
                                                      public void actionPerformed(ActionEvent arg0) {
                                                                        frame2.setVisible(false);
                                                                        EventQueue.invokeLater(new Runnable() {
                                                                                          public void run() {
                                                                                                           try {
                                                                                                                               callingclass window = new callingclass();
                                                                                                                               window.frame1.setVisible(true);
```

```
e.printStackTrace();
                                          }
                            });
                     }
              });
              btnMenu.setBounds(1146, 56, 117, 25);
              frame2.getContentPane().add(btnMenu);
              JButton btnLogout = new JButton("Logout");
              btnLogout.setBackground(new Color(51, 255, 204));
              btnLogout.setFont(new Font("Chandas", Font.BOLD, 14));
              btnLogout.addActionListener(new ActionListener() {
              public void actionPerformed(ActionEvent arg0) {
                     frame2.setVisible(false);
                     EventQueue.invokeLater(new Runnable() {
                            public void run() {
                                   try {
                                          FrontPage window = new FrontPage();
                                          window.frame3.setVisible(true);
              JOptionPane.showMessageDialog(btnLogout, "logged out");
                                   } catch (Exception e) {
                                          e.printStackTrace();
                            }
                     });
              });
              btnLogout.setBounds(1146, 23, 117, 25);
              frame2.getContentPane().add(btnLogout);
       }
}
8. frame for delete record
// DELETE PAGE
package pro2;
import java.awt.Color;
import java.awt.EventQueue;
import java.awt.Font;
import java.awt.event.ActionEvent;
```

} catch (Exception e) {

```
import java.awt.event.ActionListener;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.Statement;
import javax.swing.JButton;
import javax.swing.JFrame;
import javax.swing.JOptionPane;
import javax.swing.JLabel;
import javax.swing.JTextField;
import javax.swing.JToolBar;
import javax.swing.JTabbedPane;
public class Delt {
       public JFrame frame5;
       private JTextField textField;
       * Launch the application.
       /**
       * Create the application.
       public Delt() {
              initialize();
       }
       * Initialize the contents of the frame.
       private void initialize() {
              frame5 = new JFrame();
              frame5.setBounds(60, 300, 1290, 750);
              frame5.getContentPane().setBackground(new Color(204, 51, 153));
              frame5.getContentPane().setLayout(null);
              frame5.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
              JButton btnMenu = new JButton("Menu ");
              btnMenu.setBackground(new Color(51, 255, 204));
```

```
btnMenu.setFont(new Font("Chandas", Font.BOLD, 14));
btnMenu.addActionListener(new ActionListener() {
       public void actionPerformed(ActionEvent arg0) {
              frame5.setVisible(false);
              EventQueue.invokeLater(new Runnable() {
                     public void run() {
                            try {
                                   callingclass window = new callingclass();
                                   window.frame1.setVisible(true);
                            } catch (Exception e) {
                                   e.printStackTrace();
                     }
              });
       }
});
btnMenu.setBounds(1090, 64, 117, 25);
frame5.getContentPane().add(btnMenu);
JButton btnLogout = new JButton("Logout");
btnLogout.setBackground(new Color(51, 255, 204));
btnLogout.setFont(new Font("Chandas", Font.BOLD, 14));
btnLogout.addActionListener(new ActionListener() {
public void actionPerformed(ActionEvent arg0) {
       frame5.setVisible(false);
       EventQueue.invokeLater(new Runnable() {
              public void run() {
                     try {
                            FrontPage window = new FrontPage();
                            window.frame3.setVisible(true);
JOptionPane.showMessageDialog(btnLogout, "logged out");
                     } catch (Exception e) {
                            e.printStackTrace();
              }
       });
});
btnLogout.setBounds(1090, 27, 117, 25);
frame5.getContentPane().add(btnLogout);
JLabel lblEnterNameThat = new JLabel("Enter name that you want to delete:");
lblEnterNameThat.setFont(new Font("Chandas", Font.BOLD, 20));
```

```
lblEnterNameThat.setForeground(Color.WHITE);
             lblEnterNameThat.setBackground(Color.WHITE);
             lblEnterNameThat.setBounds(121, 140, 403, 72);
             frame5.getContentPane().add(lblEnterNameThat);
             textField = new JTextField();
             textField.setBounds(560, 158, 246, 37);
             frame5.getContentPane().add(textField);
             textField.setColumns(10);
             JButton btnDelete = new JButton("Delete");
             btnDelete.addActionListener(new ActionListener() {
                    public void actionPerformed(ActionEvent arg0) {
                    try
             Connection = (Connection)
DriverManager.getConnection("jdbc:mysql://localhost:3306/pratiksha", "pvg", "pratikshag9");
             Statement st = connection.createStatement();
                           st.executeUpdate("DELETE FROM info1 " + "WHERE name=""+
textField.getText()+""");
                  JOptionPane.showMessageDialog(btnDelete, "Record Deleted sucessfully!");
                 st.close();
                catch (Exception e)
                     e.printStackTrace();
                }
               }
              });
             btnDelete.setBackground(Color.CYAN);
             btnDelete.setBounds(461, 253, 117, 37);
             frame5.getContentPane().add(btnDelete);
       }
}
9. frame for update record
             UPDATE PAGE
package pro2;
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.DriverManager;
import java.sql.Statement;
import javax.swing.JButton;
import javax.swing.JFrame;
import javax.swing.JLabel;
import javax.swing.JOptionPane;
import javax.swing.JTextField;
public class updt {
       public JFrame frame6;
       private JTextField textField;
        * Launch the application.
       public updt() {
              initialize();
       }
       * Initialize the contents of the frame.
       private void initialize() {
              frame6 = new JFrame();
              frame6.setBounds(60, 300, 1290, 750);
              frame6.getContentPane().setBackground(new Color(204, 51, 153));
              frame6.getContentPane().setLayout(null);
              frame6.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
              JButton btnMenu = new JButton("Menu ");
              btnMenu.setBackground(new Color(51, 255, 204));
              btnMenu.setFont(new Font("Chandas", Font.BOLD, 14));
              btnMenu.addActionListener(new ActionListener() {
                     public void actionPerformed(ActionEvent arg0) {
                            frame6.setVisible(false);
                            EventQueue.invokeLater(new Runnable() {
                                   public void run() {
                                          try {
                                                 callingclass window = new callingclass();
```

```
window.frame1.setVisible(true);
                            } catch (Exception e) {
                                   e.printStackTrace();
                     }
              });
       }
});
btnMenu.setBounds(1090, 64, 117, 25);
frame6.getContentPane().add(btnMenu);
JButton btnLogout = new JButton("Logout");
btnLogout.setBackground(new Color(51, 255, 204));
btnLogout.setFont(new Font("Chandas", Font.BOLD, 14));
btnLogout.addActionListener(new ActionListener() {
public void actionPerformed(ActionEvent arg0) {
       frame6.setVisible(false);
       EventQueue.invokeLater(new Runnable() {
              public void run() {
                    try {
                            FrontPage window = new FrontPage();
                            window.frame3.setVisible(true);
JOptionPane.showMessageDialog(btnLogout, "logged out");
                     } catch (Exception e) {
                            e.printStackTrace();
                     }
              }
       });
});
btnLogout.setBounds(1090, 27, 117, 25);
frame6.getContentPane().add(btnLogout);
JLabel lblEnterNameThat = new JLabel("Enter name that you want to update :");
lblEnterNameThat.setFont(new Font("Chandas", Font.BOLD, 27));
lblEnterNameThat.setForeground(Color.WHITE);
lblEnterNameThat.setBackground(Color.WHITE);
lblEnterNameThat.setBounds(29, 140, 640, 72);
frame6.getContentPane().add(lblEnterNameThat);
textField = new JTextField();
textField.setBounds(651, 160, 246, 37);
```

```
frame6.getContentPane().add(textField);
              textField.setColumns(10);
              JButton btnDelete = new JButton("update");
              btnDelete.addActionListener(new ActionListener() {
                     public void actionPerformed(ActionEvent arg0) {
                            try
                     String userName = textField.getText();
                     Connection connection = (Connection)
DriverManager.getConnection("jdbc:mysql://localhost:3306/pratiksha", "pvg", "pratikshag9");
                     Statement st = connection.createStatement();
                                   st.executeUpdate("DELETE FROM info1 " + "WHERE name=""+
textField.getText()+""");
                         // JOptionPane.showMessageDialog(btnDelete, "Record Deleted
sucessfully!");
                                   frame6.setVisible(false);
                                          EventQueue.invokeLater(new Runnable()
                                                 public void run()
                                                        try
                                                               Mywindow window = new
Mywindow();
                                                               window.frame.setVisible(true);
                                                        catch (Exception e)
                                                               e.printStackTrace();
                                                 }
                                          });
                        st.close();
                       catch (Exception e)
                            e.printStackTrace();
                     }
```

```
});
btnDelete.setBackground(Color.CYAN);
btnDelete.setBounds(461, 253, 117, 37);
frame6.getContentPane().add(btnDelete);
```

}

}

