Source Code

Deposit.java

```java
package ASimulatorSystem;

import java.awt.*;
import java.awt.event.*;
import javax.swing.*;
import java.util.*;

public class Deposit extends JFrame implements ActionListener{

    JTextField t1,t2;
    JButton b1,b2,b3;
    JLabel l1,l2,l3;
    String pin;
    Deposit(String pin){
        this.pin = pin;
        ImageIcon i1 = new ImageIcon(ClassLoader.getSystemResource("ASimulatorSystem/icons/atm.jpg"));
        Image i2 = i1.getImage().getScaledInstance(1000, 1180, Image.SCALE_DEFAULT);
        ImageIcon i3 = new ImageIcon(i2);
        JLabel l3 = new JLabel(i3);
        l3.setBounds(0, 0, 960, 1080);
        add(l3);

        l1 = new JLabel("ENTER AMOUNT YOU WANT TO DEPOSIT");
        l1.setForeground(Color.WHITE);
```

```java
l1.setFont(new Font("System", Font.BOLD, 16));

t1 = new JTextField();
t1.setFont(new Font("Raleway", Font.BOLD, 22));

b1 = new JButton("DEPOSIT");
b2 = new JButton("BACK");

setLayout(null);

l1.setBounds(190,350,400,35);
l3.add(l1);

t1.setBounds(190,420,320,25);
l3.add(t1);

b1.setBounds(390,588,150,35);
l3.add(b1);

b2.setBounds(390,633,150,35);
l3.add(b2);

b1.addActionListener(this);
b2.addActionListener(this);

setSize(960,1080);
setUndecorated(true);
setLocation(500,0);
```

```java
            setVisible(true);

    }


    public void actionPerformed(ActionEvent ae){
        try{
            String amount = t1.getText();
            Date date = new Date();
            if(ae.getSource()==b1){
                if(t1.getText().equals("")){
                    JOptionPane.showMessageDialog(null, "Please enter the Amount to you want to
Deposit");
                }else{
                    Conn c1 = new Conn();
                    c1.s.executeUpdate("insert into bank values('"+pin+"', '"+date+"', 'Deposit',
'"+amount+"')");
                    JOptionPane.showMessageDialog(null, "Rs. "+amount+" Deposited Successfully");
                    setVisible(false);
                    new Transactions(pin).setVisible(true);
                }
            }else if(ae.getSource()==b2){
                setVisible(false);
                new Transactions(pin).setVisible(true);
            }
        }catch(Exception e){
            e.printStackTrace();
        }

    }
```

```java
    public static void main(String[] args){

        new Deposit("").setVisible(true);

    }

}
```

Signup.java

```java
package ASimulatorSystem;

import java.awt.*;
import java.awt.event.*;
import javax.swing.*;
import java.sql.*;
import com.toedter.calendar.JDateChooser;
import java.util.*;

public class Signup extends JFrame implements ActionListener{

    JLabel l1,l2,l3,l4,l5,l6,l7,l8,l9,l10,l11,l12,l13,l14,l15;
    JTextField t1,t2,t3,t4,t5,t6,t7;
    JRadioButton r1,r2,r3,r4,r5;
    JButton b;
    JDateChooser dateChooser;



    Random ran = new Random();
```

```java
long first4 = (ran.nextLong() % 9000L) + 1000L;

String first = "" + Math.abs(first4);


Signup(){

    setTitle("NEW ACCOUNT APPLICATION FORM");


    ImageIcon i1 = new
ImageIcon(ClassLoader.getSystemResource("ASimulatorSystem/icons/logo.jpg"));
    Image i2 = i1.getImage().getScaledInstance(100, 100, Image.SCALE_DEFAULT);
    ImageIcon i3 = new ImageIcon(i2);
    JLabel l11 = new JLabel(i3);
    l11.setBounds(20, 0, 100, 100);
    add(l11);


    l1 = new JLabel("APPLICATION FORM NO. "+first);
    l1.setFont(new Font("Raleway", Font.BOLD, 38));


    l2 = new JLabel("Page 1: Personal Details");
    l2.setFont(new Font("Raleway", Font.BOLD, 22));


    l3 = new JLabel("Name:");
    l3.setFont(new Font("Raleway", Font.BOLD, 20));


    l4 = new JLabel("Father's Name:");
    l4.setFont(new Font("Raleway", Font.BOLD, 20));


    l5 = new JLabel("Date of Birth:");
    l5.setFont(new Font("Raleway", Font.BOLD, 20));
```

```java
l6 = new JLabel("Gender:");
l6.setFont(new Font("Raleway", Font.BOLD, 20));


l7 = new JLabel("Email Address:");
l7.setFont(new Font("Raleway", Font.BOLD, 20));


l8 = new JLabel("Marital Status:");
l8.setFont(new Font("Raleway", Font.BOLD, 20));


l9 = new JLabel("Address:");
l9.setFont(new Font("Raleway", Font.BOLD, 20));


l10 = new JLabel("City:");
l10.setFont(new Font("Raleway", Font.BOLD, 20));


l11 = new JLabel("Pin Code:");
l11.setFont(new Font("Raleway", Font.BOLD, 20));


l12 = new JLabel("State:");
l12.setFont(new Font("Raleway", Font.BOLD, 20));


l13 = new JLabel("Date");
l13.setFont(new Font("Raleway", Font.BOLD, 14));


l14 = new JLabel("Month");
l14.setFont(new Font("Raleway", Font.BOLD, 14));
```

```java
l15 = new JLabel("Year");

l15.setFont(new Font("Raleway", Font.BOLD, 14));


t1 = new JTextField();

t1.setFont(new Font("Raleway", Font.BOLD, 14));


t2 = new JTextField();

t2.setFont(new Font("Raleway", Font.BOLD, 14));


t3 = new JTextField();

t3.setFont(new Font("Raleway", Font.BOLD, 14));


t4 = new JTextField();

t4.setFont(new Font("Raleway", Font.BOLD, 14));


t5 = new JTextField();

t5.setFont(new Font("Raleway", Font.BOLD, 14));


t6 = new JTextField();

t6.setFont(new Font("Raleway", Font.BOLD, 14));


t7 = new JTextField();

t7.setFont(new Font("Raleway", Font.BOLD, 14));


b = new JButton("Next");
```

```java
b.setFont(new Font("Raleway", Font.BOLD, 14));

b.setBackground(Color.BLACK);

b.setForeground(Color.WHITE);


r1 = new JRadioButton("Male");

r1.setFont(new Font("Raleway", Font.BOLD, 14));

r1.setBackground(Color.WHITE);


r2 = new JRadioButton("Female");

r2.setFont(new Font("Raleway", Font.BOLD, 14));

r2.setBackground(Color.WHITE);


ButtonGroup groupgender = new ButtonGroup();

groupgender.add(r1);

groupgender.add(r2);


r3 = new JRadioButton("Married");

r3.setFont(new Font("Raleway", Font.BOLD, 14));

r3.setBackground(Color.WHITE);


r4 = new JRadioButton("Unmarried");

r4.setFont(new Font("Raleway", Font.BOLD, 14));

r4.setBackground(Color.WHITE);


r5 = new JRadioButton("Other");

r5.setFont(new Font("Raleway", Font.BOLD, 14));

r5.setBackground(Color.WHITE);
```

```java
ButtonGroup groupstatus = new ButtonGroup();

groupstatus.add(r3);

groupstatus.add(r4);

groupstatus.add(r5);


dateChooser = new JDateChooser();

    //dateChooser.setBorder(new LineBorder(new Color(0, 0, 0), 1, true));

    dateChooser.setForeground(new Color(105, 105, 105));

    dateChooser.setBounds(137, 337, 200, 29);

    add(dateChooser);


setLayout(null);

l1.setBounds(140,20,600,40);

add(l1);


l2.setBounds(290,80,600,30);

add(l2);


l3.setBounds(100,140,100,30);

add(l3);


t1.setBounds(300,140,400,30);

add(t1);


l4.setBounds(100,190,200,30);

add(l4);


t2.setBounds(300,190,400,30);
```

```java
add(t2);

l5.setBounds(100,240,200,30);
add(l5);

dateChooser.setBounds(300, 240, 400, 30);

l6.setBounds(100,290,200,30);
add(l6);

r1.setBounds(300,290,60,30);
add(r1);

r2.setBounds(450,290,90,30);
add(r2);

l7.setBounds(100,340,200,30);
add(l7);

t3.setBounds(300,340,400,30);
add(t3);

l8.setBounds(100,390,200,30);
add(l8);

r3.setBounds(300,390,100,30);
add(r3);
```

```java
r4.setBounds(450,390,100,30);
add(r4);


r5.setBounds(635,390,100,30);
add(r5);



l9.setBounds(100,440,200,30);
add(l9);


t4.setBounds(300,440,400,30);
add(t4);


l10.setBounds(100,490,200,30);
add(l10);


t5.setBounds(300,490,400,30);
add(t5);


l11.setBounds(100,540,200,30);
add(l11);


t6.setBounds(300,540,400,30);
add(t6);


l12.setBounds(100,590,200,30);
add(l12);
```

```java
        t7.setBounds(300,590,400,30);

        add(t7);


        b.setBounds(620,660,80,30);

        add(b);


        b.addActionListener(this);


        getContentPane().setBackground(Color.WHITE);


        setSize(850,800);

        setLocation(500,120);

        setVisible(true);

    }


    public void actionPerformed(ActionEvent ae){


        String formno = first;

        String name = t1.getText();

        String fname = t2.getText();

        String dob = ((JTextField) dateChooser.getDateEditor().getUiComponent()).getText();

        String gender = null;

        if(r1.isSelected()){

            gender = "Male";

        }else if(r2.isSelected()){

            gender = "Female";

        }
```

```java
String email = t3.getText();

String marital = null;

if(r3.isSelected()){

    marital = "Married";

}else if(r4.isSelected()){

    marital = "Unmarried";

}else if(r5.isSelected()){

    marital = "Other";

}


String address = t4.getText();

String city = t5.getText();

String pincode = t6.getText();

String state = t7.getText();



try{


    if(t6.getText().equals("")){

        JOptionPane.showMessageDialog(null, "Fill all the required fields");

    }else{

        Conn c1 = new Conn();

        String q1 = "insert into signup
values('"+formno+"','"+name+"','"+fname+"','"+dob+"','"+gender+"','"+email+"','"+marital+"','"+
address+"','"+city+"','"+pincode+"','"+state+"')";

        c1.s.executeUpdate(q1);


        new Signup2(first).setVisible(true);
```

```java
                setVisible(false);

            }


        }catch(Exception e){

            e.printStackTrace();

        }


    }



    public static void main(String[] args){

        new Signup().setVisible(true);

    }

}
```

Screenshots

NEW ACCOUNT APPLICATION FORM

APPLICATION FORM NO. 1476

Page 1: Personal Details

Name:

Father's Name:

Date of Birth:

Gender: ○ Male   ○ Female

Email Address:

Marital Status: ○ Married   ○ Unmarried   ○ Other

Address:

City:

Pin Code:

State:

Next