

Project Report on

BANK MANAGEMENT SYSTEM

Using Java

Relational Database Management System

MCA – (1st year)

Branch (CSA)

Submitted By:

L.L. Sai Krishna

INTRODUCTION

➤ Introduction to JAVA:-

- **JAVA** was developed by James Gosling at **Sun Microsystems Inc** in the year **1995** and later acquired by Oracle Corporation.
- **JAVA** is a class-based, object-oriented programming language and is designed to have as few implementation dependencies as possible.
- Implementation of a Java application program involves a following step. They include:
 1. Creating the program
 2. Compiling the program
 3. Running the program

➤ Introduction to GUI:-

- **GUI** (Graphical User Interface) is a type of interface that enables users to interact with digital devices using visual elements such as icons, menus, and buttons instead of text commands.
- The GUI was first developed at Xerox PARC by Alan Kay, Douglas Engelbart, and a group of other researchers in 1981. Later, Apple introduced the Lisa computer with a GUI on January 19, 1983.
- GUIs are used in a wide range of applications, from desktop operating systems such as Windows, MacOS, and Linux, to mobile devices such as smartphones and tablets, and also in various software applications such as web browsers, media players, and office suites

Advantages:-

Accuracy:

A Bank Management System developed in Java ensures accuracy in recording and managing transactions, reducing the risk of human error.

Automation:

The Java project automates the process of managing customer accounts, handling transactions, generating reports, etc.

Security:

A Bank Management System developed in Java can provide a high level of security to the data stored in the system, preventing unauthorized access and data breaches.

Disadvantages:-

1. Complexity is generally high which can't be handled.
2. Performance is lower .
3. It may be more difficult to maintain .

SYSTEM REQUIREMENTS

➤ SOFTWARE REQUIREMENTS:

The major software requirements of the project are as follows:

Language: JDK17.0.2 Visual Studio

Data Base Connection: JDBC Driver(MySQL)

Operating System: Windows Explorer.

➤ HARDWARE REQUIREMENTS:

The hardware requirements that map towards the software are as follows:

RAM : 8.00 GB (7.77 GB usable)

AIM of this project

The main aim of designing and developing this Internet banking System Java primarily based Engineering project is to provide secure and efficient net banking facilities to the banking customers over the internet. Apache Server Pages, MYSQL database used to develop this bank application where all banking customers can login through the secured web page by their account login id and password. Users will have all options and features in that application like get money from western union, money transfer to others, and send cash or money to inter banking as well as other banking customers by simply adding them as payees You must have java JDK installed on your system and we are using Visual Studio IDE to build this project, you can use either this or NetBeans IDE.

The first step will be to create a new project. Name it as you wish. In the src folder create a bank package. In that package, we will be creating some files for different modules.

Main Purpose

The Traditional way of maintaining details of a user in a bank was to enter the details and record them. Every time the user needs to perform some transactions he has to go to bank and perform the necessary actions, which may not be so feasible all the time. It may be a hard-hitting task for the users and the bankers too. The project gives real life understanding of Online Banking System and activities performed by various roles in the supply chain. Here, we provide automation for banking system through Internet. Online Banking System project captures activities performed by different roles in real life banking which provides enhanced techniques for maintaining the required information up-to-date, which results in efficiency. The project gives real life understanding of Online Banking System and activities performed by various roles in the supply chain .

Main Goal

1. Motto- Our motto is to develop a software program for managing the entire bank process related to Administration accounts customer accounts and to keep each every track about their property and their various transaction processes efficiently. Hereby, our main objective is the customer's satisfaction considering today's faster in the world.
2. Customer Satisfaction: Client can do his operations comfortably without any risk or losing of his privacy. Our software will perform and fulfill all the tasks that any customer would desire.
3. Saving Customer Time: Client doesn't need to go to the bank to do small operation.
4. Protecting the Customer: It helps the customer to be satisfied and comfortable in his choices, this protection contains customer's account, money and his privacy.
5. Transferring Money: Help client transferring money to/or another bank or country.

Methods

- We need to be able to generate an account number
- Account types: Savings or Current Account
- Maintain/update Balance
- Open/Close Account • Withdraw/Deposit

Benefits of online banking

Many of us lead busy lives. Some of us are up before the crack of dawn, getting ourselves prepared so we can in turn get our families ready for the day. We rush to work, rush to get the kids to school, and at the end of the day we rush home only to brace ourselves for the next day. After a hectic day, the last thing you want to do is spend time waiting in line at the bank, or even the post office. That's where Online Banking comes in. Many of the benefits of doing our banking online are obvious:

1. You don't have to wait in line.
2. You don't have to plan your day around the bank's hours.
3. You can look at your balance whenever you want, not just when you get a statement.

There are some hidden benefits too.

As a young bank customer, you're just learning how to manage your money and observe your spending patterns.

Online banking allows you to watch your money on a daily basis if you want to. By keeping close tabs on your funds, you'll always be aware of what's happening in your bank account.

For those experienced spenders, this option is far more appealing than the sudden discovery that you're broke! It's also helpful to watch how much interest you're gathering on investments and savings or what service charges you have incurred. Most available benefits

1. Online banking with key bank is fast, secure, convenient and free.
2. Quick, simple, authenticated access to accounts via the web application.
3. Simply scalable to grow with changing system requirement.
4. Global enterprise wide access to information.
5. Improved data security, restricting unauthorized access.
6. Minimize Storage Space.

Future Look

The “Banking Online System is a big and ambitious project. I am thankful for being provided this great opportunity to work on it. As already mentioned, this project has gone through extensive research work. On the basis of the research work, we have successfully designed and implemented banking online System. To know what the future of online banking looks like, it’s probably worth looking at the present – online banking isn’t new. When you think of online banking, you probably think about a computer (either a desktop or laptop), a three or four step security process and then an interface that lets you view the balance of your various bank accounts and credit cards, whilst permitting you to transfer money and pay bills. And you’re not wrong either.

The most valuable future looks are following below:

1. More branches of the bank, maybe it will be international, that means more ATM machines outside.
2. Customer issues development based on their needs, so the help desk will be aware of their needs and easy to use.
3. Developing a mobile App for banking system that help users to do the obtained his operations without go to the bank only he needs to sign in using his A/C NO. And password and then use your own PIN. Finally the system will update automatically.

Conclusion

This project is developed to nurture the needs of a user in a banking sector by embedding all the tasks of transactions taking place in a bank. Future version of this project will still be much enhanced than the current version. Writing and depositing checks are perhaps the most fundamental ways to move money in and out of a checking account, but advancements in technology have added ATM and debit card transactions.

All banks have rules about how long it takes to access your deposits, how many debit card transactions you're allowed in a day, and how much cash you can withdraw from an ATM. Access to the balance in your checking account can also be limited by businesses that place holds on your funds.

Banks are providing internet banking services also so that the customers can be attracted. By asking the bank employs we came to know that maximum numbers of internet bank account holders are youth and business man. Online banking is an innovative tool that is fast becoming a necessity. It is a successful strategic weapon for banks to remain profitable in a volatile and competitive marketplace of today.

If proper training should be given to customer by the bank employs to open an account will be beneficial secondly the website should be made friendlier from where the customers can directly make and access their accounts. Thus, the Bank Management System it is developed and executed successfully.

Components

All the elements like the button, text fields, scroll bars, etc. are called components. In Java AWT, there are classes for each component as shown in above diagram. In order to place every component in a particular position on a screen, we need to add them to a container.

Registration Methods in Event Handling

For registering the component with the Listener, many classes provide the registration methods. For example:

- **Button**
 - `public void addActionListener(ActionListener a){ }`
- **MenuItem**
 - `public void addActionListener(ActionListener a){ }`
- **TextField**
 - `public void addActionListener(ActionListener a){ }`
 - `public void addTextListener(TextListener a){ }`
- **TextArea**
 - `public void addTextListener(TextListener a){ }`
- **Checkbox**
 - `public void addItemListener(ItemListener a){ }`
- **Choice**
 - `public void addItemListener(ItemListener a){ }`
- **List**
 - `public void addActionListener(ActionListener a){ }`
 - `public void addItemListener(ItemListener a){ }`

Container

The Container is a component in AWT that can contain another components like [buttons](#), textfields, labels etc. The classes that extends Container class are known as container such as **Frame**, **Dialog** and **Panel**.

There are four types of containers in Java AWT:

1. Window
2. Panel
3. Frame
4. Dialog

Window

The window is the container that have no borders and menu bars. You must use frame, dialog or another window for creating a window.

Panel

The Panel is the container that doesn't contain title bar, border or menu bar. It is generic container for holding the components. It can have other components like button, text field etc.

Frame

The Frame is the container that contain title bar and border and can have menu bars. It can have other components like button, text field, scrollbar etc.

Importing Packages:

import javax.swing.*;

Java swing components are platform-independent. The javax.swing package provides classes for java swing API such as JButton, JTextField, JTextArea, JRadioButton, JCheckbox, JMenu, JColorChooser etc.

import java.awt.event.*;

Changing the state of an object is known as an event. For example, click on button, dragging mouse etc. The java.awt.event package provides many event classes and Listener interfaces for event handling.

import java.awt.*;

Java AWT (Abstract Window Toolkit) is an API to develop Graphical User Interface (GUI) or windows-based applications in Java. Java AWT components are platform dependent.

import java.awt.event.ActionEvent;

By importing the `ActionEvent` class, it allows the code to use the class and its methods without having to specify the full package path every time it is used.

import java.awt.event.ActionListener;

The `ActionListener` interface defines a single method called `actionPerformed()` that is called when an object (such as a button) is activated. By importing the `ActionListener` interface, it allows the code to use the interface without having to specify the full package path every time it is used.

import java.util.Random;

By importing the `Random` class, it allows the code to use the class and its methods without having to specify the full package path every time it is used. For example, instead of writing `java.util.Random` every time we want to create an instance of the class or call its methods, we can simply write `Random`. Once we have an instance of the `Random` class, we can call its methods to generate random numbers.

import java.sql.ResultSet;

importing the `ResultSet` interface from the `java.sql` package. The `ResultSet` interface provides methods for retrieving and manipulating data from a database.

When you execute a query on a database using JDBC (Java Database Connectivity), a `ResultSet` object is returned, which represents the data retrieved by the query.

The `ResultSet` interface provides methods for iterating over the data, retrieving values from columns, and navigating through the rows of the result set.

// HOME PAGE

- * Here we can create a new Account
- * Here you can also Login Existing Account

```

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

public class Home extends JFrame implements ActionListener
{
    JButton createAccount, login;
    public Home() {
        setLayout(null);
        setSize(630, 500);
        setVisible(true);
        setLocation(400, 100);

        ImageIcon i1=new
ImageIcon(ClassLoader.getResource("wallpaper12.jpg"));
        Image i2=i1.getImage().getScaledInstance(630, 500,
Image.SCALE_DEFAULT);
        ImageIcon i3=new ImageIcon(i2);
        JLabel label=new JLabel(i3);
        label.setBounds(0, 0, 630, 500);
        add(label);

        JLabel text=new JLabel("WELCOME TO ATM MACHINE");
        text.setFont(new Font("Gabriola", Font.BOLD, 28));
        text.setBounds(100, 50, 500, 30);
        label.add(text);

        createAccount=new JButton("Create Account");
        createAccount.setFont(new Font("Gabriola", Font.BOLD, 20));
        createAccount.setBounds(400, 300, 180, 40);
        createAccount.setBackground(Color.black);
        createAccount.setForeground(Color.white);
        createAccount.addActionListener(this);
        label.add(createAccount);
    }
}

```

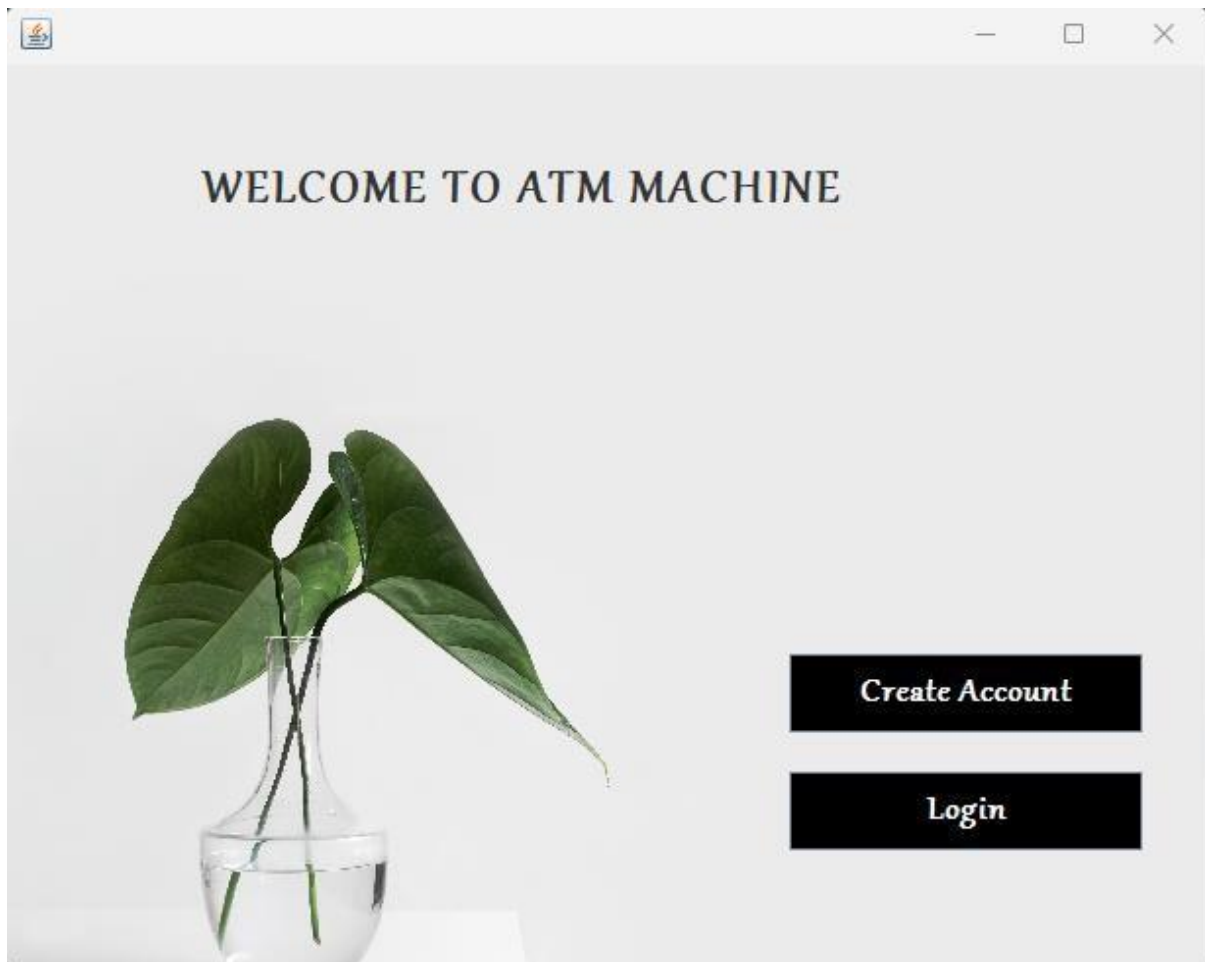
```

        login=new JButton("Login");
        login.setFont(new Font("Gabriola",Font.BOLD,20));
        login.setBounds(400,360,180,40);
        login.setBackground(Color.black);
        login.setForeground(Color.white);
        login.addActionListener(this);
        label.add(login);

    }
    public void actionPerformed(ActionEvent ae){
        if(ae.getSource()==createAccount){
            setVisible(false);
            new banks();
        }
        else {
            setVisible(false);
            new BankManagementSystem();
        }
    }
}
public static void main(String[] args) {
    new Home();
}
}

```

//OUTPUT



// CREATE ACCOUNT PAGE

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

public class banks extends JFrame implements ActionListener
{
    JButton bob,sbi,indian,icici,hdfc,union;
    String
BARODA="baroda",SBI="sbi",INDIAN="indian",ICICI="icici",HDFC="hdfc",UNI
ON="union";
    JButton back;
    banks() {
        setLayout(null);
        setSize(700,550);
        setVisible(true);
        setLocation(400,10);
        getContentPane().setBackground(Color.white);

        ImageIcon i1=new
ImageIcon(ClassLoader.getResource("wallpaper3.jpg"));
        Image i2=i1.getImage().getScaledInstance(700, 550,
Image.SCALE_DEFAULT);
        ImageIcon i3=new ImageIcon(i2);
        JLabel label=new JLabel(i3);
        label.setBounds(0,0,700,550);
        add(label);

        JLabel text=new JLabel("CHOOSE ANY ONE OF THE BANK");
        text.setFont(new Font("Raleway",Font.BOLD,28));
        text.setForeground(Color.white);
        text.setBounds(100,20,500,30);
        label.add(text);

        ImageIcon bi1 = new
ImageIcon(ClassLoader.getResource("BOB-icon.png"));
        Image bi2=bi1.getImage().getScaledInstance(150, 70,
Image.SCALE_DEFAULT);
        ImageIcon bi3=new ImageIcon(bi2);
        bob=new JButton(bi3);
        bob.setBounds(100,80,150,70);
        bob.addActionListener(this);
        label.add(bob);

        JLabel Lbob=new JLabel("Bank Of Baroda");
        Lbob.setFont(new Font("Raleway",Font.BOLD,16));
        Lbob.setForeground(Color.white);
        Lbob.setBounds(108,146,150,30);
        label.add(Lbob);

        ImageIcon si1 = new
ImageIcon(ClassLoader.getResource("sbi-icon.png"));
        Image si2=si1.getImage().getScaledInstance(150, 70,
```

```

Image.SCALE_DEFAULT);
    ImageIcon si3=new ImageIcon(si2);
    sbi=new JButton(si3);
    sbi.setBounds(350,80,150,70);
    sbi.addActionListener(this);
    label.add(sbi);

    JLabel Lsbi=new JLabel("State Bank Of India");
    Lsbi.setFont(new Font("Raleway",Font.BOLD,16));
    Lsbi.setForeground(Color.white);
    Lsbi.setBounds(358,146,150,30);
    label.add(Lsbi);

    ImageIcon ii1 = new
ImageIcon(ClassLoader.getResource("indian-icon.jpg"));
    Image ii2=ii1.getImage().getScaledInstance(150, 70,
Image.SCALE_DEFAULT);
    ImageIcon ii3=new ImageIcon(ii2);
    indian=new JButton(ii3);
    indian.setBounds(100,210,150,70);
    indian.addActionListener(this);
    label.add(indian);

    JLabel Lindian=new JLabel("Indian Bank");
    Lindian.setFont(new Font("Raleway",Font.BOLD,16));
    Lindian.setForeground(Color.white);
    Lindian.setBounds(108,275,150,30);
    label.add(Lindian);

    ImageIcon icil = new
ImageIcon(ClassLoader.getResource("icici-icon.png"));
    Image ici2=icil.getImage().getScaledInstance(150, 70,
Image.SCALE_DEFAULT);
    ImageIcon ici3=new ImageIcon(ici2);
    icici=new JButton(ici3);
    icici.setBounds(350,210,150,70);
    icici.addActionListener(this);
    label.add(icici);

    JLabel Licici=new JLabel("Icici Bank");
    Licici.setFont(new Font("Raleway",Font.BOLD,16));
    Licici.setForeground(Color.white);
    Licici.setBounds(380,275,150,30);
    label.add(Licici);

    ImageIcon hil = new
ImageIcon(ClassLoader.getResource("hdfc-icon.png"));
    Image hi2=hil.getImage().getScaledInstance(150, 70,
Image.SCALE_DEFAULT);
    ImageIcon hi3=new ImageIcon(hi2);
    hdfc=new JButton(hi3);
    hdfc.setBounds(100,330,150,70);
    hdfc.addActionListener(this);
    label.add(hdfc);

    JLabel Lhdfc=new JLabel("HDFC Bank");
    Lhdfc.setFont(new Font("Raleway",Font.BOLD,16));

```

```

        Lhdfc.setForeground(Color.white);
        Lhdfc.setBounds(108,396,150,30);
        label.add(Lhdfc);

        ImageIcon ui1 = new
ImageIcon(ClassLoader.getResource("union-icon.png"));
        Image ui2=ui1.getImage().getScaledInstance(150, 70,
Image.SCALE_DEFAULT);
        ImageIcon ui3=new ImageIcon(ui2);
        union=new JButton(ui3);
        union.setBounds(350,330,150,70);
        union.addActionListener(this);
        label.add(union);

        JLabel Lunion=new JLabel("Union Bank");
        Lunion.setFont(new Font("Raleway",Font.BOLD,16));
        Lunion.setForeground(Color.white);
        Lunion.setBounds(380,396,150,30);
        label.add(Lunion);

        back=new JButton("Back");
        back.setBounds(570,450,80,30);
        back.setForeground(Color.white);
        back.setBackground(Color.black);
        back.addActionListener(this);
        label.add(back);

    }
    public void actionPerformed(ActionEvent ae){
        if (ae.getSource()==bob){
            setVisible(false);
            new SignUpOne(BARODA).setVisible(true);
        } else if (ae.getSource()==sbi) {
            setVisible(false);
            new SignUpOne(SBI).setVisible(true);
        }else if (ae.getSource()==hdfc) {
            setVisible(false);
            new SignUpOne(HDFC).setVisible(true);
        }else if (ae.getSource()==icici) {
            setVisible(false);
            new SignUpOne(ICICI).setVisible(true);
        }else if (ae.getSource()==union) {
            setVisible(false);
            new SignUpOne(UNION).setVisible(true);
        }else if (ae.getSource()==indian) {
            setVisible(false);
            new SignUpOne(INDIAN).setVisible(true);
        }else {
            setVisible(false);
            new Home();
        }
    }

    public static void main(String[] args) {
        new banks();
    }
}

```




//SIGNUP ONE PAGE (PERSONAL DETAILS)

```
import com.toedter.calendar.JDateChooser;

import javax.swing.*;
import java.awt.*;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import java.util.Random;

public class SignUpOne extends JFrame implements ActionListener
{
    String name;
    Long random;
    JTextField nameTextField, fnameTextField, emailTextField,
        addressTextField, cityTextField, stateTextField,
        pincodeTextField;
    JButton next, back;
    JRadioButton male, female, married, unmarried, other;
    JDateChooser datechooser;
    String bankName;

    public SignUpOne(String bankName) {
        this.bankName=bankName;
    }
}
```

```

        setVisible(true);
        setLayout(null);
        setLocation(350,10);
        setSize(850,800);
        getContentPane(). setBackground(Color.white);
        setTitle("NEW APPLICATION FORM PAGE-2");

        ImageIcon i1=new
        ImageIcon(ClassLoader.getResource("wallpaper6.jpg"));
        Image i2=i1.getImage().getScaledInstance(850, 800,
        Image.SCALE_DEFAULT);
        ImageIcon i3=new ImageIcon(i2);
        JLabel label=new JLabel(i3);
        label.setBounds(0,0,850,800);
        add(label);

        Random ran = new Random();
        random= Math.abs( (ran.nextLong() % 9000L) + 1000L);
        // Adding Title of the page
        JLabel formno = new JLabel("APPLICATION FORM NO : "+random);
        formno.setBounds(130,22,1000,32);
        formno.setFont(new Font("Raleway", Font.BOLD, 36));
        label.add(formno);

        JLabel personaldetails = new JLabel("Page 1 : Personal
        Details");
        personaldetails.setBounds(280,80,800,30);
        personaldetails.setFont(new Font("Raleway", Font.BOLD,
        22));
        label.add(personaldetails);

        JLabel name = new JLabel("Name : ");
        name.setBounds(100,140,100,30);
        name.setFont(new Font("Raleway", Font.BOLD, 20));
        label.add(name);

        nameTextField = new JTextField();
        nameTextField.setFont(new Font("Raleway",Font.BOLD ,14));
        nameTextField.setBounds(300,140,400,30);
        label.add(nameTextField);

        JLabel fname = new JLabel("Father's Name : ");
        fname.setBounds(100,190,200,30);
        fname.setFont(new Font("Raleway", Font.BOLD, 20));
        label.add(fname);

        fnameTextField = new JTextField();
        fnameTextField.setFont(new Font("Raleway",Font.BOLD ,14));
        fnameTextField.setBounds(300,190,400,30);
        label.add(fnameTextField);

        JLabel dob = new JLabel("Date of Birth : ");
        dob.setBounds(100,240,200,30);
        dob.setFont(new Font("Raleway", Font.BOLD, 20));
        label.add(dob);

```

```

        datechooser = new JDateChooser();
        datechooser.setBounds(300,240,400,30);
        datechooser.setForeground(new Color(105,105,105));
label.add( datechooser);

        JLabel gender = new JLabel("Gender : ");
        gender.setBounds(100,290,100,30);
        gender.setFont(new Font("Raleway", Font.BOLD, 20));
label.add(gender);

        male = new JRadioButton("Male");
        male.setBounds(300,290,60,30);
        male.setBackground(Color.white);
label.add(male);

        female = new JRadioButton("Female");
        female.setBounds(460,290,70,30);
        female.setBackground(Color.white);
label.add(female);
        // to select only one option from many options
        ButtonGroup gendergroup = new ButtonGroup();
        gendergroup.add(male);
        gendergroup.add(female);

        JLabel email = new JLabel("EMail : ");
        email.setBounds(100,340,100,30);
        email.setFont(new Font("Raleway", Font.BOLD, 20));
label.add(email);

        emailTextField = new JTextField();
        emailTextField.setFont(new Font("Raleway",Font.BOLD ,14));
        emailTextField.setBounds(300,340,400,30);
label.add(emailTextField);

        JLabel status = new JLabel("Marital Status : ");
        status.setBounds(100,390,200,30);
        status.setFont(new Font("Raleway", Font.BOLD, 20));
label.add(status);

        married = new JRadioButton("Married");
        married.setBounds(300,390,100,30);
        married.setBackground(Color.white);
label.add(married);

        unmarried = new JRadioButton("Unmarried");
        unmarried.setBounds(470,390,100,30);
        unmarried.setBackground(Color.white);
label.add(unmarried);

        other = new JRadioButton("Other");
        other.setBounds(640,390,100,30);
        other.setBackground(Color.white);
label.add(other);

        // to select only one option from many options
        ButtonGroup maritalstatusgroup = new ButtonGroup();
        maritalstatusgroup.add(married);

```

```

        maritalstatusgroup.add(unmarried);
        maritalstatusgroup.add(other);

        JLabel address = new JLabel("Address : ");
        address.setBounds(100,440,100,30);
        address.setFont(new Font("Raleway", Font.BOLD, 20));
        label.add(address);

        addressTextField = new JTextField();
        addressTextField.setFont(new Font("Raleway",Font.BOLD ,14));
        addressTextField.setBounds(300,440,400,30);
        label.add( addressTextField);

        JLabel city= new JLabel("City : ");
        city.setBounds(100,490,100,30);
        city.setFont(new Font("Raleway", Font.BOLD, 20));
        label.add(city);

        cityTextField = new JTextField();
        cityTextField.setFont(new Font("Raleway",Font.BOLD ,14));
        cityTextField.setBounds(300,490,400,30);
        label.add( cityTextField);

        JLabel state= new JLabel("State : ");
        state.setBounds(100,540,100,30);
        state.setFont(new Font("Raleway", Font.BOLD, 20));
        label.add(state);

        stateTextField = new JTextField();
        stateTextField.setFont(new Font("Raleway",Font.BOLD ,14));
        stateTextField.setBounds(300,540,400,30);
        label.add( stateTextField);

        JLabel pincode= new JLabel("Pin Code : ");
        pincode.setBounds(100,590,200,30);
        pincode.setFont(new Font("Raleway", Font.BOLD, 20));
        label.add(pincode);

        pincodeTextField = new JTextField();
        pincodeTextField.setFont(new Font("Raleway",Font.BOLD ,14));
        pincodeTextField.setBounds(300,590,400,30);
        label.add( pincodeTextField);

        next= new JButton(" Next");
        next.setBounds(620,660,80,30);
        next.setBackground(Color.black);
        next.setForeground(Color.white);
        label.add(next);
        next.addActionListener(this);

        back=new JButton("Back");
        back.setBounds(520,660,80,30);
        back.setForeground(Color.white);
        back.setBackground(Color.black);
        back.addActionListener(this);
        label.add(back);

```

```

}

public void actionPerformed(ActionEvent ae){

    if (ae.getSource()==back){
        setVisible(false);
        new banks();
    }else {

        // here we can assigned the details we entered in the page
        // and store the string values(Details) in database after
        String formno = "" + random;
        name = nameTextField.getText();
        String fname = fnameTextField.getText();
        String dob = ((JTextField)
        datechooser.getDateEditor().getUiComponent()).getText();
        String gender = null;
        if (male.isSelected()) {
            gender = "Male";
        } else if (female.isSelected()) {
            gender = "Female";
        }
        String email = emailTextField.getText();
        String marital = null;
        if (married.isSelected()) {
            marital = "Married";
        } else if (unmarried.isSelected()) {
            marital = "Unmarried";
        } else if (other.isSelected()) {
            marital = "Other";
        }
        String address = addressTextField.getText();
        String city = cityTextField.getText();
        String state = stateTextField.getText();
        String pin = pincodeTextField.getText();

        try {
            if (name.equals("")) {
                JOptionPane.showMessageDialog(null, "Name is
Required");
            } else {

                if (bankName.equals("baroda")) {
                    Baroda c = new Baroda();
                    String query = "insert into signup values('" +
formno + "','" + name + "','" + fname + "','" + dob + "','" +
gender + "','" + email + "','" + marital + "','" + address + "','" +
city + "','" + state + "','" + pin + "')";
                    c.s.executeUpdate(query);

                    setVisible(false);
                    new SignUpTwo(formno,
bankName).setVisible(true);
                } else if (bankName.equals("sbi")) {
                    Sbi c = new Sbi();
                    String query = "insert into signup values('" +
formno + "','" + name + "','" + fname + "','" + dob + "','" +

```

```

gender + "',' + email + "',' + marital + "',' + address + "',' + 
city + "',' + state + "',' + pin + "')";
        c.s.executeUpdate(query);

        setVisible(false);
        new SignUpTwo(formno,
bankName).setVisible(true);
    } else if (bankName.equals("hdfc")) {
        Hdfc c = new Hdfc();
        String query = "insert into signup values(' + 
formno + "',' + name + "',' + fname + "',' + dob + "',' + 
gender + "',' + email + "',' + marital + "',' + address + "',' + 
city + "',' + state + "',' + pin + "')";
        c.s.executeUpdate(query);

        setVisible(false);
        new SignUpTwo(formno,
bankName).setVisible(true);
    } else if (bankName.equals("icici")) {
        Icici c = new Icici();
        String query = "insert into signup values(' + 
formno + "',' + name + "',' + fname + "',' + dob + "',' + 
gender + "',' + email + "',' + marital + "',' + address + "',' + 
city + "',' + state + "',' + pin + "')";
        c.s.executeUpdate(query);

        setVisible(false);
        new SignUpTwo(formno,
bankName).setVisible(true);
    } else if (bankName.equals("union")) {
        Union c = new Union();
        String query = "insert into signup values(' + 
formno + "',' + name + "',' + fname + "',' + dob + "',' + 
gender + "',' + email + "',' + marital + "',' + address + "',' + 
city + "',' + state + "',' + pin + "')";
        c.s.executeUpdate(query);

        setVisible(false);
        new SignUpTwo(formno,
bankName).setVisible(true);
    } else if (bankName.equals("indian")) {
        Indian c = new Indian();
        String query = "insert into signup values(' + 
formno + "',' + name + "',' + fname + "',' + dob + "',' + 
gender + "',' + email + "',' + marital + "',' + address + "',' + 
city + "',' + state + "',' + pin + "')";
        c.s.executeUpdate(query);

        setVisible(false);
        new SignUpTwo(formno,
bankName).setVisible(true);
    }
}

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

```

```

    }
    public static void main(String args[]) {
        new SignUpOne("");
    }
}

```


NEW APPLICATION FORM PAGE-2

APPLICATION FORM NO : 3395

Page 1 : Personal Details

Name :

Father's Name :

Date of Birth : 

Gender : ☐ Male ☐ Female

Email :

Marital Status : ☐ Married ☐ Unmarried ☐ Other

Address :

City :

State :

Pin Code :

// SIGNUP TWO PAGE (ADDITIONAL DETAILS)

```

import javax.swing.*;
import java.awt.*;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;

//import com.toedter.calendar.JDateChooser;

```



```

public class SignUpTwo extends JFrame implements ActionListener
{

    JTextField pan,aadhar;
    JButton next;
    JComboBox religion,category,occupation,income,education;
    JRadioButton syes,sno,ayes,ano;
    String formno,bankName;

    public SignUpTwo(String formno,String bankName){
        this.formno=formno;
        this.bankName=bankName;
        setVisible(true);
        setLayout(null);
        setLocation(350,10);
        setSize(850,800);
        getContentPane().setBackground(Color.white);
        setTitle("NEW APPLICATION FORM PAGE-2");

        ImageIcon i1=new
        ImageIcon(ClassLoader.getResource("wallpaper6.jpg"));
        Image i2=i1.getImage().getScaledInstance(850, 800,
        Image.SCALE_DEFAULT);
        ImageIcon i3=new ImageIcon(i2);
        JLabel label=new JLabel(i3);
        label.setBounds(0,0,850,800);
        add(label);

        JLabel additionaldetails = new JLabel("Page 2 :
        Additional Details");
        additionaldetails.setBounds(280,80,800,30);
        additionaldetails.setFont(new Font("Raleway", Font.BOLD,
        22));
        label.add(additionaldetails);

        JLabel rel = new JLabel("Religion : ");
        rel.setBounds(100,140,200,30);
        rel.setFont(new Font("Raleway", Font.BOLD, 20));
        label.add(rel);

        String
        valReligion[]={"Hindus","Muslims","Sikh","Christian","Other"};
        religion = new JComboBox(valReligion); //for selections
        religion.setBackground(Color.WHITE);
        religion.setBounds(300,140,400,30);
        label.add(religion);

        JLabel cate = new JLabel("Category : ");
        cate.setBounds(100,190,200,30);
        cate.setFont(new Font("Raleway", Font.BOLD, 20));
        label.add(cate);

        String valCategory[]={"General","OBC","SC","ST","Other"};
        category = new JComboBox(valCategory);
    }
}

```



```

        category.setBounds(300,190,400,30);
label.add(category);

        JLabel money = new JLabel("Income : ");
        money.setBounds(100,240,200,30);
        money.setFont(new Font("Raleway", Font.BOLD, 20));
label.add(money);

        String valIncome[]={ "NULL", "< 1,50,000", "< 2,50,000", "<
5,00,000", "Up to 10,00,000"};
        income = new JComboBox(valIncome);
        income.setBounds(300,240,400,30);
        income.setBackground(Color.WHITE);
label.add( income);

        JLabel study = new JLabel("Educational ");
        study.setBounds(100,290,200,30);
        study.setFont(new Font("Raleway", Font.BOLD, 20));
label.add(study);

        JLabel qualificate = new JLabel("Qualification : ");
        qualificate.setBounds(100,315,200,30);
        qualificate.setFont(new Font("Raleway", Font.BOLD, 20));
label.add(qualificate);

        String educationalValues[]={ "Non-
Graduate", "Graduate", "Post-Graduate", "Doctrate", "Other"};
        education = new JComboBox(educationalValues);
        education.setBounds(300,308,400,30);
        education.setBackground(Color.WHITE);
label.add( education);

        JLabel occup = new JLabel("Occupation : ");
        occup.setBounds(100,390,200,30);
        occup.setFont(new Font("Raleway", Font.BOLD, 20));
label.add(occup);

        String occupationalValues[]={ "Salaried", "Self
Employed", "Business", "Student", "Retired", "Other"};
        occupation = new JComboBox(occupationalValues);
        occupation.setBounds(300,390,400,30);
        occupation.setBackground(Color.WHITE);
label.add( occupation);

        JLabel pannumber = new JLabel("Mobile Number : ");
        pannumber .setBounds(100,440,200,30);
        pannumber .setFont(new Font("Raleway", Font.BOLD, 20));
label.add(pannumber );

        pan = new JTextField();
        pan.setFont(new Font("Raleway",Font.BOLD ,14));
        pan.setBounds(300,440,400,30);
label.add( pan);

```

```

        JLabel add= new JLabel("Aadhar Number : ");
        add.setBounds(100,490,200,30);
        add.setFont(new Font("Raleway", Font.BOLD, 20));
        label.add(add);

        aadhar = new JTextField();
        aadhar.setFont(new Font("Raleway",Font.BOLD ,14));
        aadhar.setBounds(300,490,400,30);
        label.add( aadhar);

        JLabel citizen= new JLabel("Senior Citizen: ");
        citizen.setBounds(100,540,200,30);
        citizen.setFont(new Font("Raleway", Font.BOLD, 20));
        label.add(citizen);

        syes= new JRadioButton("Yes");
        syes.setBounds(300,540,100,30);
        syes.setBackground(Color.white);
        label.add(syes);

        sno= new JRadioButton("No");
        sno.setBounds(480,540,100,30);
        sno.setBackground(Color.white);
        label.add(sno);

        ButtonGroup senior = new ButtonGroup();
        senior.add(syes);
        senior.add(sno);

        JLabel Laccount= new JLabel("Existing account : ");
        Laccount.setBounds(100,590,200,30);
        Laccount.setFont(new Font("Raleway", Font.BOLD, 20));
        label.add(Laccount);

        ayes= new JRadioButton("Yes");
        ayes.setBounds(300,590,100,30);
        ayes.setBackground(Color.white);
        label.add(ayes);

        ano= new JRadioButton("No");
        ano.setBounds(480,590,100,30);
        ano.setBackground(Color.white);
        label.add(ano);

        ButtonGroup existaccount = new ButtonGroup();
        existaccount.add(ayes);
        existaccount.add(ano);

        next= new JButton(" Next");
        next.setBounds(620,660,80,30);
        next.setBackground(Color.black);
        next.setForeground(Color.white);
        label.add(next);

        next.addActionListener(this);

```

```

}

public void actionPerformed(ActionEvent ae){
    // here we can assigned the details we entered in the page 1
    to string
    // and store the string values(Details) in database after
    clicking the "Next Button"

    String sreligion = (String)religion.getSelectedItem();
    String scategory = (String)category.getSelectedItem();
    String sincome = (String)income.getSelectedItem();
    String seducation = (String)education.getSelectedItem();
    String soccupation = (String)occupation.getSelectedItem();
    String scitizen = null;
    if(syes.isSelected()){
        scitizen="Yes";
    }
    else if(sno.isSelected()){
        scitizen="No";
    }
    String saccount = null;
    if(ayes.isSelected()){
        saccount="Yes";
    }
    else if(ano.isSelected()){
        saccount="No";
    }
    String span = pan.getText();
    String saadhar= aadhar.getText();

    try{

        if (bankName.equals("baroda")){
            Baroda c = new Baroda();
            String query = "insert into signuptwo
values('"+formno+"', '"+sreligion+"', '"+scategory+"', '"+sincome+"',
 '"+seducation+"', '"+soccupation+"', '"+span+"', '"+saadhar+"',
 '"+scitizen+"', '"+saccount+"')";
            c.s.executeUpdate(query);

            setVisible(false);
            new SignUpThree(formno,bankName).setVisible(true);
        } else if (bankName.equals("sbi")) {
            Sbi c = new Sbi();
            String query = "insert into signuptwo
values('"+formno+"', '"+sreligion+"', '"+scategory+"', '"+sincome+"',
 '"+seducation+"', '"+soccupation+"', '"+span+"', '"+saadhar+"',
 '"+scitizen+"', '"+saccount+"')";
            c.s.executeUpdate(query);

            setVisible(false);
            new SignUpThree(formno,bankName).setVisible(true);
        } else if (bankName.equals("hdfc")) {
            Hdfc c = new Hdfc();
            String query = "insert into signuptwo
values('"+formno+"', '"+sreligion+"', '"+scategory+"', '"+sincome+"',
 '"+seducation+"', '"+soccupation+"', '"+span+"', '"+saadhar+"',
 '"+scitizen+"', '"+saccount+"')";

```

```

        c.s.executeUpdate(query);

        setVisible(false);
        new SignUpThree(formno,bankName).setVisible(true);
    }else if (bankName.equals("icici")) {
        Icici c = new Icici();
        String query = "insert into signuptwo
values('"+formno+"', '"+sreligion+"', '"+scategory+"', '"+sincome+"',
'"+seducation+"', '"+soccupation+"', '"+span+"', '"+saadhar+"',
'"+scitizen+"', '"+saccount+"')";
        c.s.executeUpdate(query);

        setVisible(false);
        new SignUpThree(formno,bankName).setVisible(true);
    }else if (bankName.equals("union")) {
        Union c = new Union();
        String query = "insert into signuptwo
values('"+formno+"', '"+sreligion+"', '"+scategory+"', '"+sincome+"',
'"+seducation+"', '"+soccupation+"', '"+span+"', '"+saadhar+"',
'"+scitizen+"', '"+saccount+"')";
        c.s.executeUpdate(query);

        setVisible(false);
        new SignUpThree(formno,bankName).setVisible(true);
    }else if (bankName.equals("indian")) {
        Indian c = new Indian();
        String query = "insert into signuptwo
values('"+formno+"', '"+sreligion+"', '"+scategory+"', '"+sincome+"',
'"+seducation+"', '"+soccupation+"', '"+span+"', '"+saadhar+"',
'"+scitizen+"', '"+saccount+"')";
        c.s.executeUpdate(query);

        setVisible(false);
        new SignUpThree(formno,bankName).setVisible(true);
    }

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

public static void main(String args[]) {
    new SignUpTwo("", "");
}
}

```

//OUTPUT

NEW APPLICATION FORM PAGE-2

Page 2 : Additional Details

Religion :

Category :

Income :

Educational Qualification :

Occupation :

Mobile Number :

Aadhar Number :

Senior Citizen: ☐ Yes ☐ No

Existing account : ☐ Yes ☐ No

Next

//SIGNUP THREE (ACCOUNT DETAILS)

```
import javax.swing.*;
import java.awt.*;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import java.util.Random;

public class SignUpThree extends JFrame implements ActionListener
{
    JRadioButton r1,r2,r3,r4;
    JCheckBox c1,c2,c3,c4,c5,c6,c7;
    JButton submit,cancel;
    String formno,bankName;
    public SignUpThree(String formno,String bankName){
        this.formno=formno;
        this.bankName=bankName;
        setVisible(true);
        setLayout(null);
    }
}
```

```

        setLocation(350,0);
        setSize(850,800);
        getContentPane(). setBackground(Color.white);
        setTitle("NEW APPLICATION FORM PAGE-3");

        ImageIcon i1=new
ImageIcon(ClassLoader.getResource("wallpaper3.jpg"));
        Image i2=i1.getImage().getScaledInstance(850, 800,
Image.SCALE_DEFAULT);
        ImageIcon i3=new ImageIcon(i2);
        JLabel label=new JLabel(i3);
        label.setBounds(0,0,850,800);
        add(label);

        JLabel l1 = new JLabel("Page 3 : account Details");
        l1.setBounds(210,40,400,40);
        l1.setFont(new Font("Raleway", Font.BOLD, 28));
        label.add(l1);

        JLabel type = new JLabel("Account Type");
        type.setBounds(100,110,200,30);
        type.setFont(new Font("Raleway", Font.BOLD, 22));
        label.add(type);

        r1= new JRadioButton("Saving Account");
        r1.setFont(new Font("Raleway", Font.BOLD,16));
        r1.setBackground(Color.white);
        r1.setBounds(100,150,150,20);
        label.add(r1);

        r2= new JRadioButton("Fixed Deposit Account");
        r2.setFont(new Font("Raleway", Font.BOLD,16));
        r2.setBackground(Color.white);
        r2.setBounds(350,150,250,20);
        label.add(r2);

        r3= new JRadioButton("Current Account");
        r3.setFont(new Font("Raleway", Font.BOLD,16));
        r3.setBackground(Color.white);
        r3.setBounds(100,190,250,20);
        label.add(r3);

        r4= new JRadioButton("Reccuring Deposit Account");
        r4.setFont(new Font("Raleway", Font.BOLD,16));
        r4.setBackground(Color.white);
        r4.setBounds(350,190,250,20);
        label.add(r4);

        ButtonGroup group1 = new ButtonGroup();
        group1.add(r1);
        group1.add(r2);
        group1.add(r3);
        group1.add(r4);

        JLabel card = new JLabel("Card Number");
        card.setBounds(100,270,200,30);
        card.setFont(new Font("Raleway", Font.BOLD, 22));
        label.add(card);

```

```

JLabel number = new JLabel("XXX-XXXX-XXXX-4134");
number.setBounds(330,270,250,30);
number.setFont(new Font("Raleway", Font.BOLD, 22));
label.add(number);

JLabel carddetails = new JLabel("Your 16 Digit Card Number");
carddetails.setBounds(100,300,400,20);
carddetails.setFont(new Font("Raleway", Font.BOLD, 12));
label.add(carddetails);

JLabel pin = new JLabel("PIN : ");
pin.setBounds(100,340,200,30);
pin.setFont(new Font("Raleway", Font.BOLD, 22));
label.add(pin);

JLabel pnumber = new JLabel("XXX");
pnumber.setBounds(330,340,250,30);
pnumber.setFont(new Font("Raleway", Font.BOLD, 22));
label.add(pnumber);

JLabel pindetails = new JLabel("Your 4 Pin Number");
pindetails.setBounds(100,370,400,20);
pindetails.setFont(new Font("Raleway", Font.BOLD, 12));
label.add(pindetails);

JLabel services = new JLabel("Services Required : ");
services.setBounds(100,420,400,20);
services.setFont(new Font("Raleway", Font.BOLD, 22));
label.add(services);

c1= new JCheckBox("ATM CARD");
c1.setBackground(Color.white);
c1.setBounds(100,470,200,30);
c1.setFont(new Font("Raleway", Font.BOLD, 16));
label.add(c1);

c2= new JCheckBox("Internet Banking");
c2.setBackground(Color.white);
c2.setBounds(350,470,200,30);
c2.setFont(new Font("Raleway", Font.BOLD, 16));
label.add(c2);

c3= new JCheckBox("Mobile Banking");
c3.setBackground(Color.white);
c3.setBounds(100,520,200,30);
c3.setFont(new Font("Raleway", Font.BOLD, 16));
label.add(c3);

c4= new JCheckBox("EMAIL & SMS Alerts");
c4.setBackground(Color.white);
c4.setBounds(350,520,200,30);
c4.setFont(new Font("Raleway", Font.BOLD, 16));
label.add(c4);

c5= new JCheckBox("Cheque Book");
c5.setBackground(Color.white);
c5.setBounds(100,570,200,30);

```

```

c5.setFont(new Font("Raleway", Font.BOLD, 16));
label.add(c5);

c6= new JCheckBox("E-Statement");
c6.setBackground(Color.white);
c6.setBounds(350,570,200,30);
c6.setFont(new Font("Raleway", Font.BOLD, 16));
label.add(c6);

c7= new JCheckBox("I Hereby Declare that the above entered
details are correct to the best of my knowledge");
c7.setBackground(Color.white);
c7.setBounds(100,650,1000,30);
c7.setFont(new Font("Raleway", Font.BOLD, 16));
label.add(c7);

submit = new JButton("Submit");
submit.setBackground(Color.BLACK);
submit.setForeground(Color.white);
submit.setFont(new Font("Raleway", Font.BOLD, 14));
submit.setBounds(250,690,100,30);
label.add(submit);
submit.addActionListener(this);

cancel = new JButton("Cancel");
cancel.setBackground(Color.BLACK);
cancel.setForeground(Color.white);
cancel.setFont(new Font("Raleway", Font.BOLD, 14));
cancel.setBounds(420,690,100,30);
label.add(cancel);
cancel.addActionListener(this);
}

public void actionPerformed(ActionEvent ae){
    if(ae.getSource()==submit){
        String accounttype=null;
        if(r1.isSelected()){
            accounttype="Savings Account";
        }else if(r2.isSelected()){
            accounttype="Fixed Deposit Account";
        }else if(r3.isSelected()){
            accounttype="Current Account";
        }else if(r4.isSelected()){
            accounttype="Recurring Deposit";
        }
    }

    Random random = new Random();
    String
    rev1="" + Math.abs((random.nextLong()%900000000L))+504093600000000000L;
    String cardnumber="";
    for(int i=0;i<16;i++){
        cardnumber+=rev1.charAt(i);
    }

    String rev2="" + Math.abs((random.nextLong()%9000L))+1000L;
    String pinnumber="";
    for(int i=0;i<4;i++){
        pinnumber+=rev2.charAt(i);
    }
}

```



```

String facility = "";
if(c1.isSelected()){
    facility+="ATM Card";
}else if(c2.isSelected()){
    facility+="Internet Banking";
}else if(c3.isSelected()){
    facility+="Mobile Banking";
}else if(c4.isSelected()){
    facility+="EMAIL & SMS Alerts";
}else if(c5.isSelected()){
    facility+="Cheque Book";
}else if(c6.isSelected()){
    facility+="E-Statements";
}
try{
    if(accounttype.equals("")){
        JOptionPane.showMessageDialog(null, "Account Type is
Required");
    }else {

        if (bankName.equals("baroda")){
            Baroda c = new Baroda();
            String query1 = "insert into signupthree
values('"+formno+"', '"+accounttype+"', '"+cardnumber+"',
'"+pinnumber+"', '"+facility+"')";
            c.s.executeUpdate(query1);
            String query2 = "insert into login
values('"+formno+"', '"+cardnumber+"', '"+pinnumber+"')";
            c.s.executeUpdate(query2);
            JOptionPane.showMessageDialog(null, "Card Number :
"+cardnumber+"\n Pin : "+pinnumber);
            setVisible(false);
            new Deposit(pinnumber).setVisible(true);
        } else if (bankName.equals("sbi")) {
            Sbi c = new Sbi();
            String query1 = "insert into signupthree
values('"+formno+"', '"+accounttype+"', '"+cardnumber+"',
'"+pinnumber+"', '"+facility+"')";
            c.s.executeUpdate(query1);
            String query2 = "insert into login
values('"+formno+"', '"+cardnumber+"', '"+pinnumber+"')";
            c.s.executeUpdate(query2);
            JOptionPane.showMessageDialog(null, "Card Number :
"+cardnumber+"\n Pin : "+pinnumber);
            setVisible(false);
            new Deposit(pinnumber).setVisible(true);
        }else if (bankName.equals("hdfc")) {
            Hdfc c = new Hdfc();
            String query1 = "insert into signupthree
values('"+formno+"', '"+accounttype+"', '"+cardnumber+"',
'"+pinnumber+"', '"+facility+"')";
            c.s.executeUpdate(query1);
            String query2 = "insert into login
values('"+formno+"', '"+cardnumber+"', '"+pinnumber+"')";
            c.s.executeUpdate(query2);
            JOptionPane.showMessageDialog(null, "Card Number :

```

```

"+cardnumber+"\n Pin : "+pinnumber);
        setVisible(false);
        new Deposit(pinnumber).setVisible(true);
    }else if (bankName.equals("icici")) {
        Icici c = new Icici();
        String query1 = "insert into signuptree
values('"+formno+"', '"+accounttype+"', '"+cardnumber+"',
'"+pinnumber+"', '"+facility+"')";
        c.s.executeUpdate(query1);
        String query2 = "insert into login
values('"+formno+"', '"+cardnumber+"', '"+pinnumber+"')";
        c.s.executeUpdate(query2);
        JOptionPane.showMessageDialog(null, "Card Number :
"+cardnumber+"\n Pin : "+pinnumber);
        setVisible(false);
        new Deposit(pinnumber).setVisible(true);
    }else if (bankName.equals("union")) {
        Union c = new Union();
        String query1 = "insert into signuptree
values('"+formno+"', '"+accounttype+"', '"+cardnumber+"',
'"+pinnumber+"', '"+facility+"')";
        c.s.executeUpdate(query1);
        String query2 = "insert into login
values('"+formno+"', '"+cardnumber+"', '"+pinnumber+"')";
        c.s.executeUpdate(query2);
        JOptionPane.showMessageDialog(null, "Card Number :
"+cardnumber+"\n Pin : "+pinnumber);
        setVisible(false);
        new Deposit(pinnumber).setVisible(true);
    }else if (bankName.equals("indian")) {
        Indian c = new Indian();
        String query1 = "insert into signuptree
values('"+formno+"', '"+accounttype+"', '"+cardnumber+"',
'"+pinnumber+"', '"+facility+"')";
        c.s.executeUpdate(query1);
        String query2 = "insert into login
values('"+formno+"', '"+cardnumber+"', '"+pinnumber+"')";
        c.s.executeUpdate(query2);
        JOptionPane.showMessageDialog(null, "Card Number :
"+cardnumber+"\n Pin : "+pinnumber);
        setVisible(false);
        new Deposit(pinnumber).setVisible(true);
    }
}
}
}
catch(Exception e){
    System.out.println(e);
}
}else if(ae.getSource()==cancel){
    setVisible(false);
    new BankManagementSystem().setVisible(true);
}
}
public static void main(String args[]) {
    new SignUpThree("", "");
}
}
}

```

Page 3 : account Details

Account Type

☐ Saving Account

☐ Fixed Deposit Account

☐ Current Account

☐ Recurring Deposit Account

Card Number

XXX-XXXX-XXXX-4134

Your 16 Digit Card Number

PIN :

XXX

Your 4 Pin Number

Services Required :

☐ ATM CARD

☐ Internet Banking

☐ Mobile Banking

☐ EMAIL & SMS Alerts

☐ Cheque Book

☐ E-Statement

☐ I Hereby Declare that the above entered details are correct to the best of my knowledge

Submit

Cancel

1. Login module

This module helps to make a login page so that the user can enter the user name and password to enter into the bank management system in java. Name the file as login.java

AFTER CREATING BANK ACCOUNT GO TO HOME PAGE AND CLICK ON LOGIN BUTTON THEN LOGIN PAGE WILL APPER.

// LOGIN PAGE SOURCE CODE

```
import javax.swing.*;
import java.awt.*;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import java.sql.ResultSet;

public class BankManagementSystem extends JFrame implements
ActionListener
{
    JTextField CardTextField ;
    JPasswordField PinTextField;
    JButton signin,clear;

    public BankManagementSystem() {
```

```

        setLayout(null);
        setSize(800,700);
        setVisible(true);
        setLocation(400,20);

        ImageIcon i1=new
ImageIcon(ClassLoader.getResource("wallpaper7.jpg"));
        Image i2=i1.getImage().getScaledInstance(800, 700,
Image.SCALE_DEFAULT);
        ImageIcon i3=new ImageIcon(i2);
        JLabel label=new JLabel(i3);
        label.setBounds(0,0,800,700);
        add(label);

        JPanel p = new JPanel();
        p.setBackground(new Color(0,0,0,35));
        p.setBounds(200,200,430,270);

        JLabel login= new JLabel("Login");
        login.setFont(new Font("Gabriola", Font.BOLD, 36));
        login.setBounds(360,200,200,40);
        login.setForeground(Color.white);
        label.add(login);

        JLabel cardno= new JLabel("Card no :");
        cardno.setFont(new Font("Gabriola", Font.BOLD, 24));
        cardno.setBounds(230,280,200,40);
        cardno.setForeground(Color.white);
        label.add(cardno);

        CardTextField = new JTextField();
        CardTextField.setBounds(350,280,230,30);
        CardTextField.setFont(new Font("Raleway", Font.BOLD, 18));
        label.add(CardTextField);

        JLabel pin= new JLabel("PIN :");
        pin.setFont(new Font("Gabriola", Font.BOLD, 24));
        pin.setBounds(230,350,200,40);
        pin.setForeground(Color.white);
        label.add(pin);
        PinTextField = new JPasswordField();
        PinTextField.setBounds(350,350,230,30);
        PinTextField.setFont(new Font("Raleway", Font.BOLD, 18));
        label.add(PinTextField);

        signin= new JButton("Login");
        signin.setBounds(350,410,90,30);
        signin.setFont(new Font("Gabriola", Font.BOLD, 18));
        signin.setBackground(Color.black);
        signin.setForeground(Color.white);
        signin.addActionListener(this);
        label.add(signin);

        clear= new JButton(" clear");
        clear.setBounds(470,410,95,30);
        clear.setFont(new Font("Gabriola", Font.BOLD, 18));

```

```

        clear.setBackground(Color.black);
        clear.setForeground(Color.white);
        clear.addActionListener(this);
        label.add(clear);

        label.add(p);
    }
    public void actionPerformed(ActionEvent ae){
        if(ae.getSource() == clear){
            CardTextField.setText("");
            PinTextField.setText("");
        }
        else if(ae.getSource() == signin ){
            Baroda b = new Baroda();
            Sbi s = new Sbi();
            Icici ic = new Icici();
            Hdfc h = new Hdfc();
            Indian in = new Indian();
            Union u = new Union();
            String cardnumber=CardTextField.getText();
            String pinnumber=PinTextField.getText();
            String query = "select * from login where
cardnumber= '"+cardnumber+"' and pin= '"+pinnumber+"'";
            try{
                ResultSet rsb=b.s.executeQuery(query);
                ResultSet rss=s.s.executeQuery(query);
                ResultSet rsic=ic.s.executeQuery(query);
                ResultSet rsh=h.s.executeQuery(query);
                ResultSet rsin=in.s.executeQuery(query);
                ResultSet rsu=u.s.executeQuery(query);

                if(rsb.next()){
                    setVisible(false);
                    new
Transactions(pinnumber).setVisible(true);
                } else if (rsh.next()) {
                    setVisible(false);
                    new
Transactions(pinnumber).setVisible(true);
                }else if (rsin.next()) {
                    setVisible(false);
                    new
Transactions(pinnumber).setVisible(true);
                }else if (rsu.next()) {
                    setVisible(false);
                    new
Transactions(pinnumber).setVisible(true);
                }else if (rsic.next()) {
                    setVisible(false);
                    new
Transactions(pinnumber).setVisible(true);
                }else if (rss.next()) {
                    setVisible(false);
                    new
Transactions(pinnumber).setVisible(true);
                }
            }
            else{
                JOptionPane.showMessageDialog(null,

```



```

"Incorrect Card Number or Pin");
    }

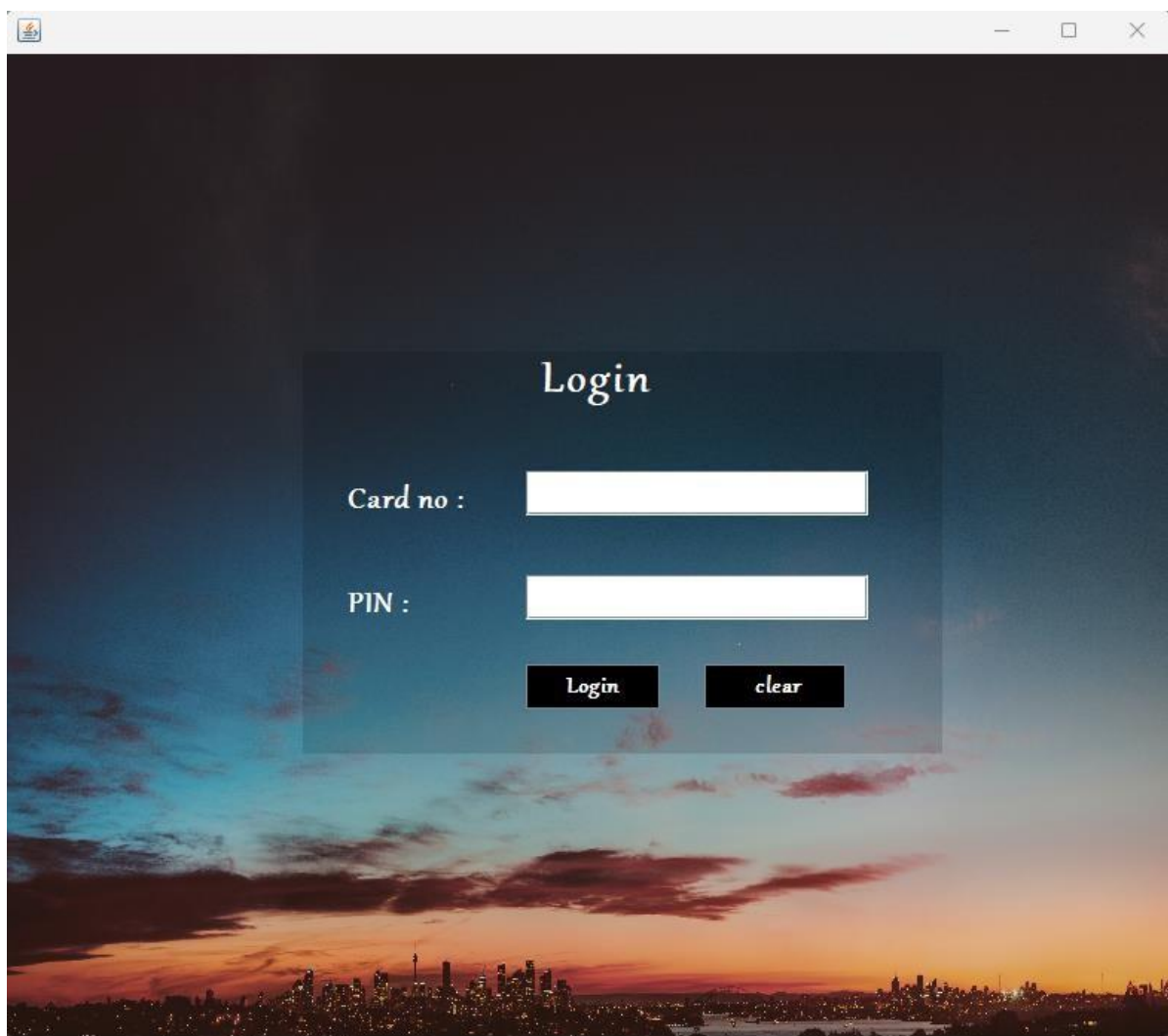
    }catch(Exception e){
        System.out.println(e);
    }

    }

}

public static void main(String[] args) {
    new BankManagementSystem();
}
}

```



Once we enter the correct username and password it takes us to the Transaction page of our bank application.

IN THE ABOVE PAGE WE CAN LOGIN IN TO OUR ACCOUNT BY GIVING CORRECT CARD NO AND PINNO.

// TRANSACTIONS PAGE

```
import javax.swing.*;
import java.awt.*;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;

public class Transactions extends JFrame implements ActionListener
{
    JButton deposit, withdrawl, fastcash, ministatement, pinchange,
    balanceenquiry, exit;
    String pinnumber;
    public Transactions(String pinnumber){
        //this.bankName=bankName;
        this.pinnumber=pinnumber;
        //setUndecorated(true);
        setVisible(true);
        setLayout(null);
        setSize(900,900);
        setLocation(300,0);

        ImageIcon i1= new
        ImageIcon(ClassLoader.getResource("atm.jpg"));
        Image i2=i1.getImage().getScaledInstance(900,
        900,Image.SCALE_DEFAULT);
        ImageIcon i3=new ImageIcon(i2);
        JLabel image = new JLabel(i3);
        image.setBounds(0,0,900,900);
        add(image);

        JLabel text = new JLabel("Please select your Transaction");
        text.setBounds(215,300,700,35);
        text.setFont(new Font("System",Font.BOLD,14));
        text.setForeground(Color.white);
        image.add(text);

        deposit=new JButton("Deposit");
        deposit.setBounds(170,415,150,30);
        deposit.addActionListener(this);
        image.add(deposit);

        withdrawl=new JButton("Cash Withdrawl");
        withdrawl.setBounds(355,415,150,30);
        withdrawl.addActionListener(this);
        image.add(withdrawl);

        fastcash=new JButton("FastCash");
        fastcash.setBounds(170,450,150,30);
        fastcash.addActionListener(this);
        image.add(fastcash);
    }
}
```



```

ministatement=new JButton("Mini Statement");
ministatement.setBounds(355,450,150,30);
ministatement.addActionListener(this);
image.add(ministatement);

pinchange=new JButton("Pin Change");
pinchange.setBounds(170,485,150,30);
pinchange.addActionListener(this);
image.add(pinchange);

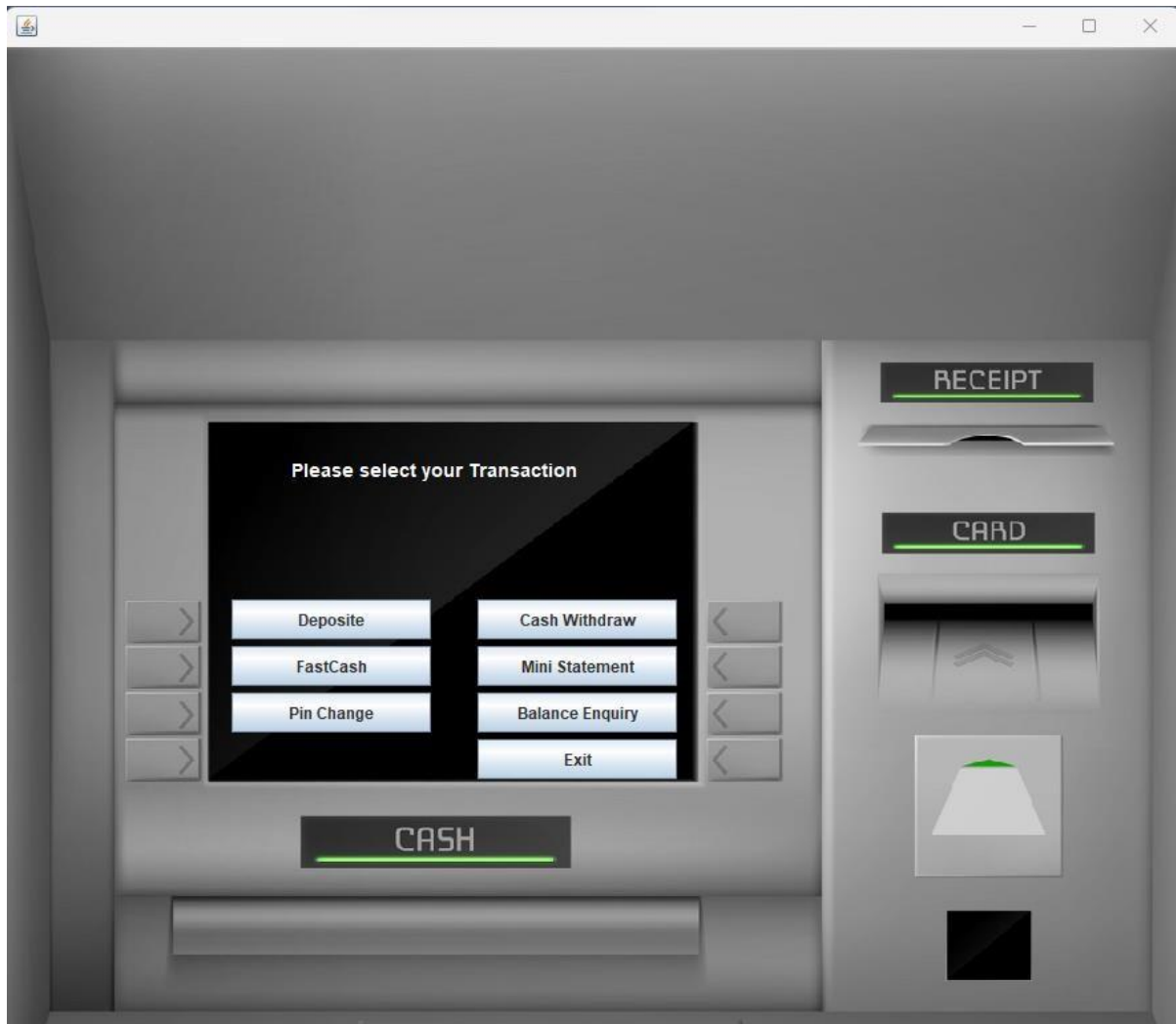
    balanceenquiry=new JButton("Balance Enquiry");
balanceenquiry.setBounds(355,485,150,30);
balanceenquiry.addActionListener(this);
image.add(balanceenquiry);

    exit=new JButton("Exit");
exit.setBounds(355,520,150,30);
exit.addActionListener(this);
image.add(exit);

}
public void actionPerformed(ActionEvent ae){
    if(ae.getSource()==exit){
        System.exit(0);
    }else if(ae.getSource()==deposit){
        setVisible(false);
        new Deposit(pinnumber).setVisible(true);
    }else if(ae.getSource()==withdrawl){
        setVisible(false);
        new Withdrawl(pinnumber).setVisible(true);
    }else if(ae.getSource()==fastcash){
        setVisible(false);
        new FastCash(pinnumber).setVisible(true);
    }else if(ae.getSource()==pinchange){
        setVisible(false);
        new PinChange(pinnumber).setVisible(true);
    }else if(ae.getSource()==balanceenquiry){
        setVisible(false);
        new BalanceEnquiry(pinnumber).setVisible(true);
    }else if(ae.getSource()==ministatement){
        new MiniStatement(pinnumber).setVisible(true);
    }
}

public static void main(String args[]) {
    new Transactions("");
}
}

```



//FOR DEPOSITING

```
import javax.swing.*;
import java.awt.*;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import java.sql.ResultSet;
import java.util.Date;

public class Deposit extends JFrame implements ActionListener
{
    JTextField amount;
    JButton deposit, back;
    String pinnumber;

    public Deposit(String pinnumber) {
        this.pinnumber = pinnumber;
        setUndecorated(true);
        setVisible(true);
        setLayout(null);
        setSize(900, 900);
    }
}
```

```

        setLocation(300,0);

        ImageIcon i1=new
ImageIcon(ClassLoader.getResource("atm.jpg"));
        Image i2=i1.getImage().getScaledInstance(900,900,
Image.SCALE_DEFAULT);
        ImageIcon i3=new ImageIcon(i2);
        JLabel image = new JLabel(i3);
        image.setBounds(0,0,900,900);
        add(image);

        JLabel text = new JLabel("Enter the amount you want to
deposit");
        text.setForeground(Color.white);
        text.setBounds(170,300,400,20);
        text.setFont(new Font("System",Font.BOLD,16));
        image.add(text);

        amount = new JTextField();
        amount.setBounds(170,350,320,25);
        amount.setFont(new Font("Raleway",Font.BOLD,22));
        image.add(amount);

        deposit= new JButton("deposit");
        deposit.setBounds(355,485,150,30);
        deposit.addActionListener(this);
        image.add(deposit);

        back= new JButton("back");
        back.setBounds(355,520,150,30);
        back.addActionListener(this);
        image.add(back);

    }
    public void actionPerformed(ActionEvent ae)
    {
        if(ae.getSource()==back)
        {
            setVisible(false);
            new Transactions(pinnumber).setVisible(true);
        }
        else if(ae.getSource()==deposit) {
            String number = amount.getText();
            Date date = new Date();
            if (number.equals("")) {
                JOptionPane.showMessageDialog(null, "Please enter the
amount you want to deposit");
            } else {
                Baroda b = new Baroda();
                Sbi s = new Sbi();
                Icici ic = new Icici();
                Hdfc h = new Hdfc();
                Indian in = new Indian();
                Union u = new Union();
            }
        }
    }

```

```

        String query = "select * from login where pin=
        '"+pinnumber+"'";
        try{
            ResultSet rsb=b.s.executeQuery(query);
            ResultSet rss=s.s.executeQuery(query);
            ResultSet rsic=ic.s.executeQuery(query);
            ResultSet rsh=h.s.executeQuery(query);
            ResultSet rsin=in.s.executeQuery(query);
            ResultSet rsu=u.s.executeQuery(query);

            if(rsb.next()){
                String query2="insert into bank
values('"+pinnumber+"', '"+date+"', 'Deposit', '"+number+"')";
                b.s.executeUpdate(query2);
                JOptionPane.showMessageDialog(null, "Rs
        "+number+" deposited successfully");
                setVisible(false);
                new Transactions(pinnumber).setVisible(true);
            } else if (rsh.next()) {
                String query2="insert into bank
values('"+pinnumber+"', '"+date+"', 'Deposit', '"+number+"')";
                h.s.executeUpdate(query2);
                JOptionPane.showMessageDialog(null, "Rs
        "+number+" deposited successfully");
                setVisible(false);
                new Transactions(pinnumber).setVisible(true);
            } else if (rsin.next()) {
                String query2="insert into bank
values('"+pinnumber+"', '"+date+"', 'Deposit', '"+number+"')";
                in.s.executeUpdate(query2);
                JOptionPane.showMessageDialog(null, "Rs
        "+number+" deposited successfully");
                setVisible(false);
                new Transactions(pinnumber).setVisible(true);
            } else if (rsu.next()) {
                String query2="insert into bank
values('"+pinnumber+"', '"+date+"', 'Deposit', '"+number+"')";
                u.s.executeUpdate(query2);
                JOptionPane.showMessageDialog(null, "Rs
        "+number+" deposited successfully");
                setVisible(false);
                new Transactions(pinnumber).setVisible(true);
            } else if (rsic.next()) {
                String query2="insert into bank
values('"+pinnumber+"', '"+date+"', 'Deposit', '"+number+"')";
                ic.s.executeUpdate(query2);
                JOptionPane.showMessageDialog(null, "Rs
        "+number+" deposited successfully");
                setVisible(false);
                new Transactions(pinnumber).setVisible(true);
            } else if (rss.next()) {
                String query2="insert into bank
values('"+pinnumber+"', '"+date+"', 'Deposit', '"+number+"')";
                s.s.executeUpdate(query2);
                JOptionPane.showMessageDialog(null, "Rs
        "+number+" deposited successfully");
                setVisible(false);
                new Transactions(pinnumber).setVisible(true);
            }
        }
    }

```

```

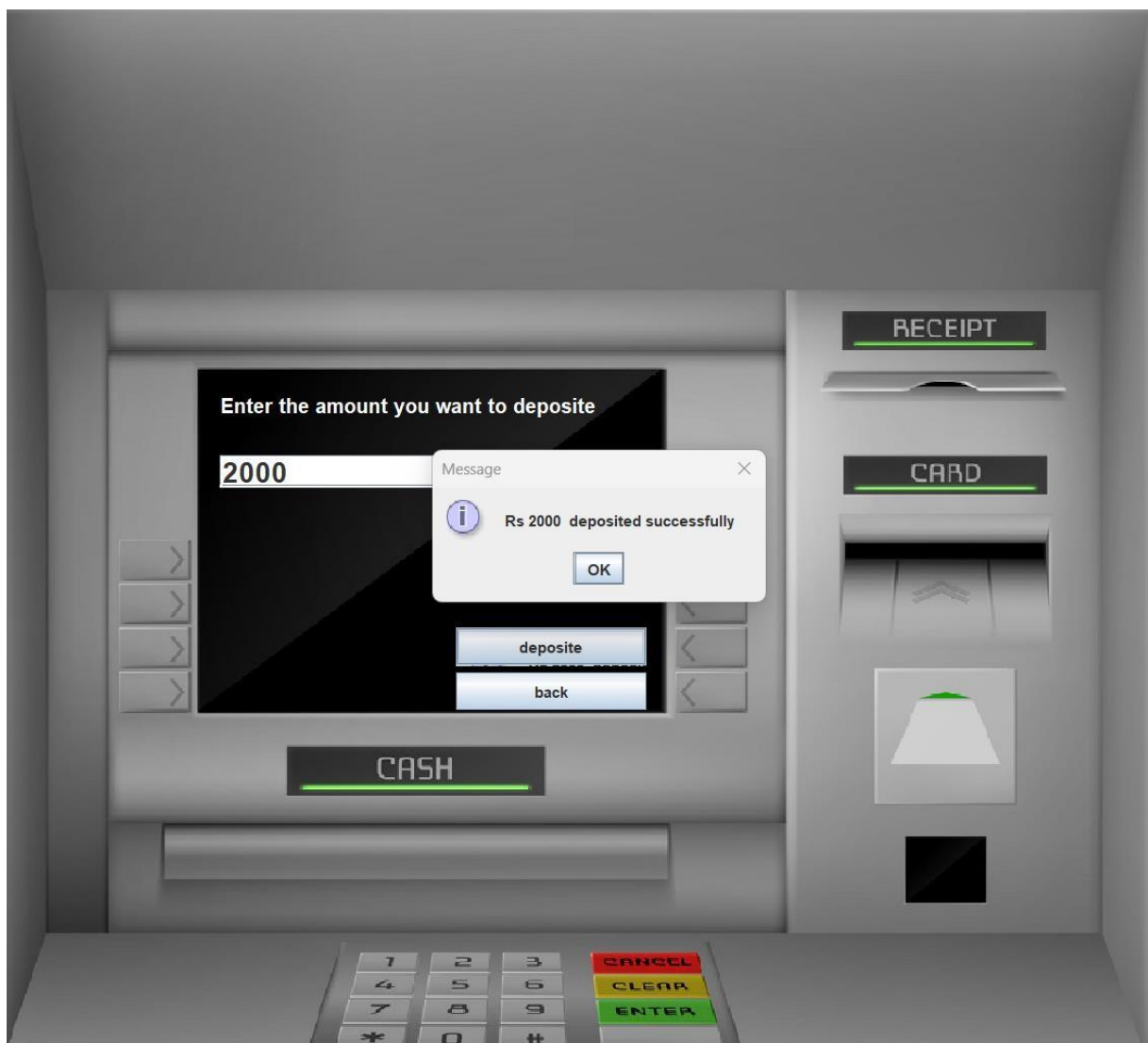
    }

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

}

public static void main(String args[]) {
    new Deposit("");
}
}

```



//FOR WITHDRAWL

```

import javax.swing.*;
import java.awt.*;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import java.sql.ResultSet;
import java.util.Date;

public class Withdrawl extends JFrame implements ActionListener
{
    JTextField amount;
    JButton withdrawl,back;
    String pinnumber;
    public Withdrawl(String pinnumber){
        this.pinnumber=pinnumber;

        setUndecorated(true);
        setVisible(true);
        setLayout(null);
        setSize(900,900);
        setLocation(300,0);

        ImageIcon i1=new
ImageIcon(ClassLoader.getResource("atm.jpg"));
        Image i2=i1.getImage().getScaledInstance(900,900,
Image.SCALE_DEFAULT);
        ImageIcon i3=new ImageIcon(i2);
        JLabel image = new JLabel(i3);
        image.setBounds(0,0,900,900);
        add(image);

        JLabel text = new JLabel("Enter the amount you want to
withdrawl");
        text.setForeground(Color.white);
        text.setBounds(170,300,400,20);
        text.setFont(new Font("System",Font.BOLD,16));
        image.add(text);

        amount = new JTextField();
        amount.setBounds(170,350,320,25);
        amount.setFont(new Font("Raleway",Font.BOLD,22));
        image.add(amount);

        withdrawl= new JButton("Withdraw");
        withdrawl.setBounds(355,485,150,30);
        withdrawl.addActionListener(this);
        image.add(withdrawl);

        back= new JButton("back");
        back.setBounds(355,520,150,30);
        back.addActionListener(this);
        image.add(back);

    }
    public void actionPerformed(ActionEvent ae){

```

```

        if(ae.getSource()==back){
            setVisible(false);
            new Transactions(pinnumber).setVisible(true);
        }else if(ae.getSource()==withdrawl){
            String number=amount.getText();
            Date date = new Date();
            if(number.equals("")){
                JOptionPane.showMessageDialog(null, "Please enter the
amount you want to withdrawl");
            }else
            {
                Baroda b = new Baroda();
                Sbi s = new Sbi();
                Icici ic = new Icici();
                Hdfc h = new Hdfc();
                Indian in = new Indian();
                Union u = new Union();
                String query = "select * from login where pin=
"+"pinnumber+""";
                try{
                    ResultSet rsb=b.s.executeQuery(query);
                    ResultSet rss=s.s.executeQuery(query);
                    ResultSet rsic=ic.s.executeQuery(query);
                    ResultSet rsh=h.s.executeQuery(query);
                    ResultSet rsin=in.s.executeQuery(query);
                    ResultSet rsu=u.s.executeQuery(query);

                    if(rsb.next()){
                        String query2="insert into bank
values('"+pinnumber+"', '"+date+"', 'Withdrawl', '"+number+"')";
                        b.s.executeUpdate(query2);
                        JOptionPane.showMessageDialog(null, "Rs
"+"number+" Debited successfully");
                        setVisible(false);
                        new Transactions(pinnumber).setVisible(true);
                    } else if (rsh.next()) {
                        String query2="insert into bank
values('"+pinnumber+"', '"+date+"', 'Withdrawl', '"+number+"')";
                        h.s.executeUpdate(query2);
                        JOptionPane.showMessageDialog(null, "Rs
"+"number+" Debited successfully");
                        setVisible(false);
                        new Transactions(pinnumber).setVisible(true);
                    }else if (rsin.next()) {
                        String query2="insert into bank
values('"+pinnumber+"', '"+date+"', 'Withdrawl', '"+number+"')";
                        in.s.executeUpdate(query2);
                        JOptionPane.showMessageDialog(null, "Rs
"+"number+" Debited successfully");
                        setVisible(false);
                        new Transactions(pinnumber).setVisible(true);
                    }else if (rsu.next()) {
                        String query2="insert into bank
values('"+pinnumber+"', '"+date+"', 'Withdrawl', '"+number+"')";
                        u.s.executeUpdate(query2);
                        JOptionPane.showMessageDialog(null, "Rs
"+"number+" Debited successfully");
                        setVisible(false);

```

```

        new Transactions(pinnumber).setVisible(true);
    }else if (rsic.next()) {
        String query2="insert into bank
values('"+pinnumber+"','"+date+"','Withdrawl','"+number+"')";
        ic.s.executeUpdate(query2);
        JOptionPane.showMessageDialog(null, "Rs
"+number+" Debited successfully");
        setVisible(false);
        new Transactions(pinnumber).setVisible(true);
    }else if (rss.next()) {
        String query2="insert into bank
values('"+pinnumber+"','"+date+"','Withdrawl','"+number+"')";
        s.s.executeUpdate(query2);
        JOptionPane.showMessageDialog(null, "Rs
"+number+" Debited successfully");
        setVisible(false);
        new Transactions(pinnumber).setVisible(true);
    }

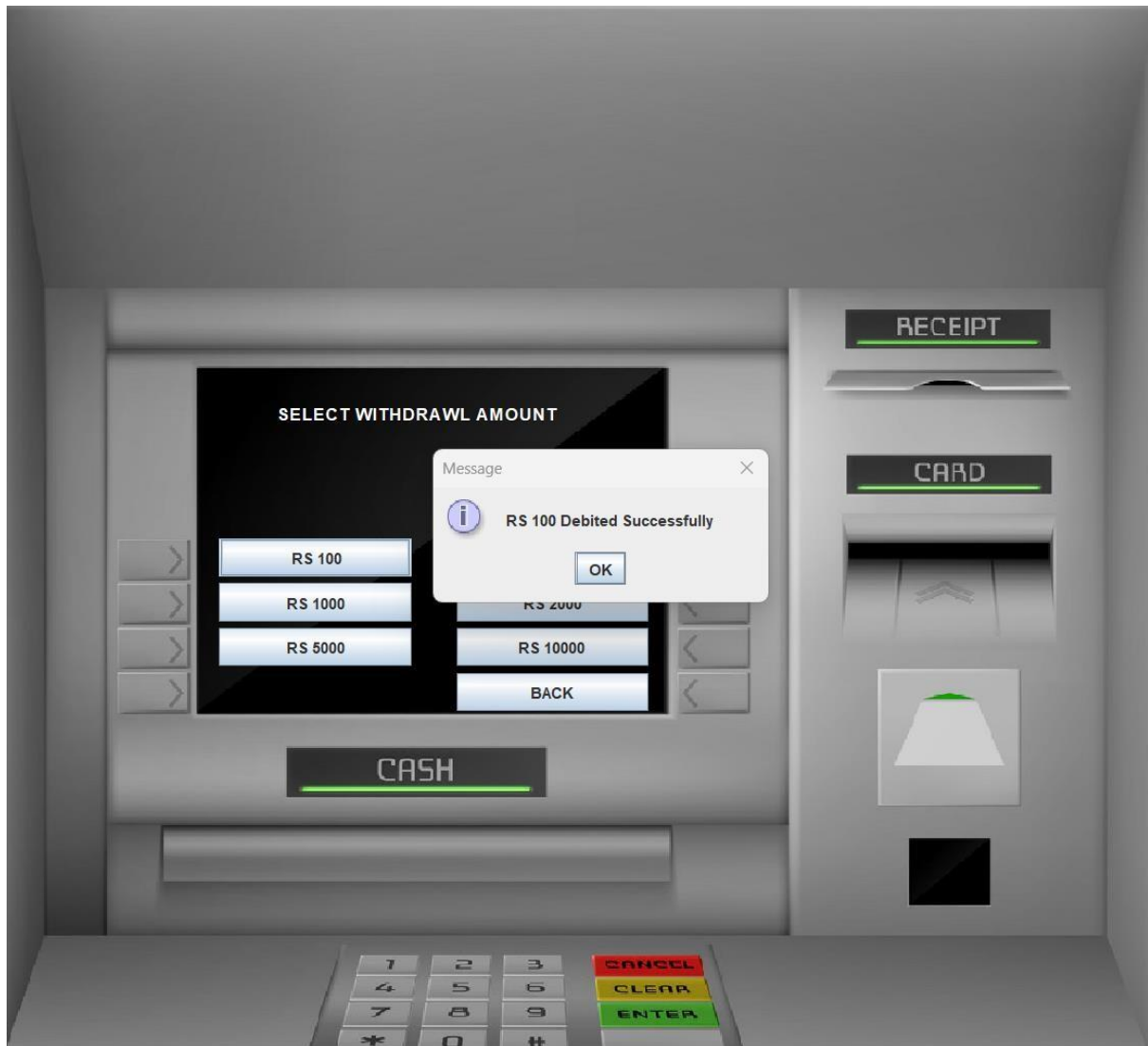
    }catch(Exception e){
        System.out.println(e);
    }
}

}

}

public static void main(String args[]) {
    new Withdrawl("");
}
}

```

// BALANCE ENQUIRY

```
import javax.swing.*;
import java.awt.*;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import java.sql.ResultSet;

public class BalanceEnquiry extends JFrame implements ActionListener
{
    String pinnumber;
    JButton back;
    public BalanceEnquiry(String pinnumber){
        this.pinnumber=pinnumber;

        setVisible(true);
        setLayout(null);
        setSize(900,900);
        setLocation(300,0);
    }
}
```

```

        ImageIcon i1= new
ImageIcon(ClassLoader.getResource("atm.jpg"));
        Image i2=i1.getImage().getScaledInstance(900,
900,Image.SCALE_DEFAULT);
        ImageIcon i3=new ImageIcon(i2);
        JLabel image = new JLabel(i3);
        image.setBounds(0,0,900,900);
        add(image);

        back = new JButton("BACK");
        back.setBounds(355,520,150,30);
        back.addActionListener(this);
        image.add(back);

        int balance =0;
        Baroda b = new Baroda();
        Sbi s = new Sbi();
        Icici ic = new Icici();
        Hdfc h = new Hdfc();
        Indian in = new Indian();
        Union u = new Union();
        String query = "select * from login where pin=
"+"pinnumber+""";
        try{
            ResultSet rsb=b.s.executeQuery(query);
            ResultSet rss=s.s.executeQuery(query);
            ResultSet rsic=ic.s.executeQuery(query);
            ResultSet rsh=h.s.executeQuery(query);
            ResultSet rsin=in.s.executeQuery(query);
            ResultSet rsu=u.s.executeQuery(query);

            if(rsb.next()){
                try{
                    ResultSet rs = b.s.executeQuery("select * from bank
where pin='"+pinnumber+""");
                    while(rs.next()){
                        if(rs.getString("type").equals("Deposit")){
balance+=Integer.parseInt(rs.getString("amount"));
                        }else{
                            balance-
=Integer.parseInt(rs.getString("amount"));
                        }
                    }
                }catch(Exception e){
                    System.out.println(e);
                }
            } else if (rsh.next()) {
                try{
                    ResultSet rs = h.s.executeQuery("select * from bank
where pin='"+pinnumber+""");
                    while(rs.next()){
                        if(rs.getString("type").equals("Deposit")){
balance+=Integer.parseInt(rs.getString("amount"));
                        }else{

```

```

        balance-
=Integer.parseInt(rs.getString("amount"));
    }
    }
    }catch(Exception e){
        System.out.println(e);
    }
    }else if (rsin.next()) {
        try{
            ResultSet rs = in.s.executeQuery("select * from
bank where pin='"+pinnumber+"'");
            while(rs.next()){
                if(rs.getString("type").equals("Deposit")){

balance+=Integer.parseInt(rs.getString("amount"));
                }else{
                    balance-
=Integer.parseInt(rs.getString("amount"));
                }
            }
        }catch(Exception e){
            System.out.println(e);
        }
    }else if (rsu.next()) {
        try{
            ResultSet rs = u.s.executeQuery("select * from bank
where pin='"+pinnumber+"'");
            while(rs.next()){
                if(rs.getString("type").equals("Deposit")){

balance+=Integer.parseInt(rs.getString("amount"));
                }else{
                    balance-
=Integer.parseInt(rs.getString("amount"));
                }
            }
        }catch(Exception e){
            System.out.println(e);
        }
    }else if (rsic.next()) {
        try{
            ResultSet rs = ic.s.executeQuery("select * from
bank where pin='"+pinnumber+"'");
            while(rs.next()){
                if(rs.getString("type").equals("Deposit")){

balance+=Integer.parseInt(rs.getString("amount"));
                }else{
                    balance-
=Integer.parseInt(rs.getString("amount"));
                }
            }
        }catch(Exception e){
            System.out.println(e);
        }
    }else if (rss.next()) {
        try{
            ResultSet rs = s.s.executeQuery("select * from bank

```

```

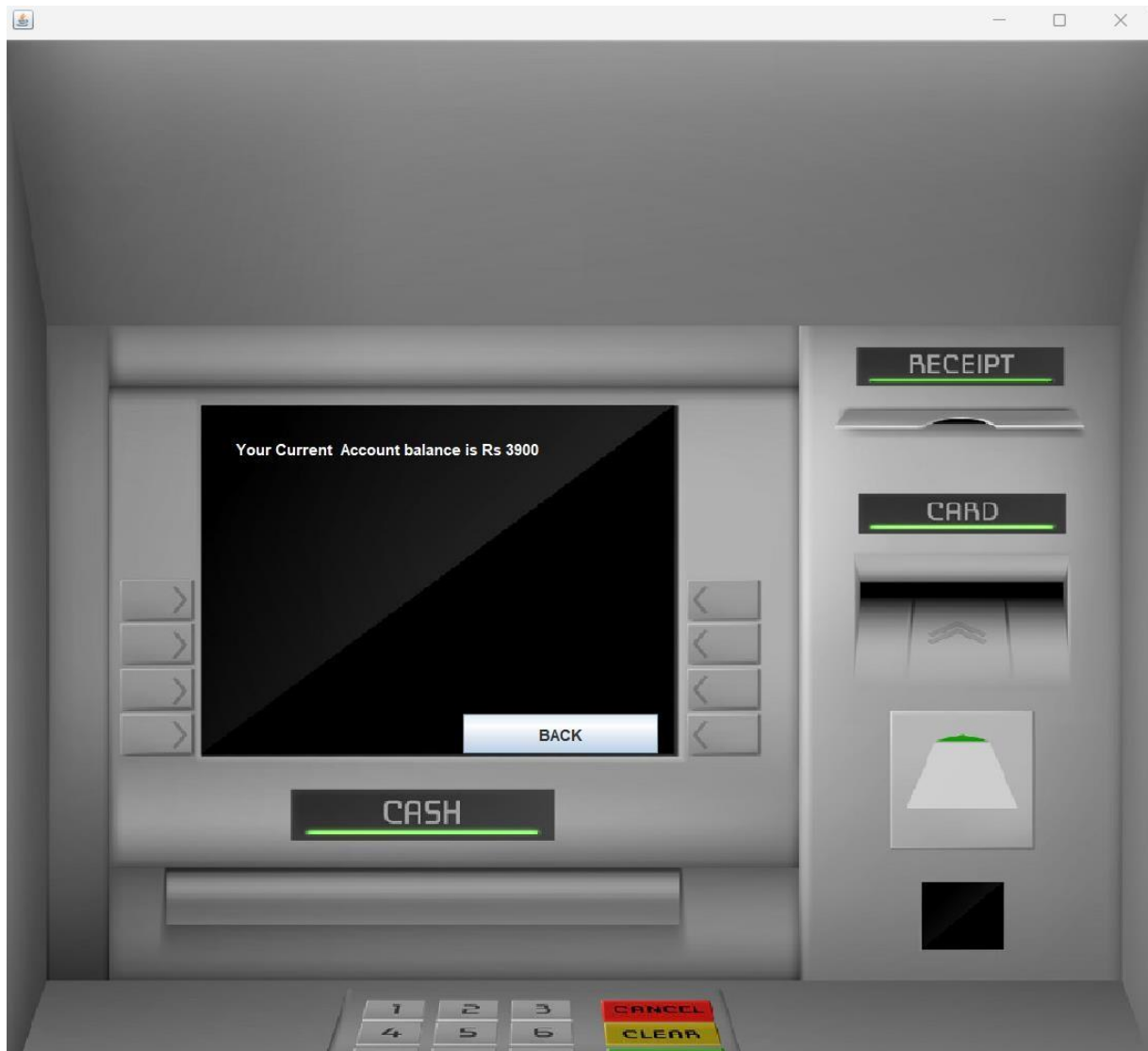
where pin="'+pinnumber+'";
        while(rs.next()){
            if(rs.getString("type").equals("Deposit")){
balance+=Integer.parseInt(rs.getString("amount"));
            }else{
                balance-
=Integer.parseInt(rs.getString("amount"));
            }
        }
    }catch(Exception e){
        System.out.println(e);
    }
}

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

JLabel text = new JLabel("Your Current Account balance is Rs
"+balance);
text.setForeground(Color.white);
text.setBounds(179,300,400,30);
image.add(text);
}
public void actionPerformed(ActionEvent ae){
    setVisible(false);
    new Transactions(pinnumber).setVisible(true);
}

public static void main(String args[]) {
    new BalanceEnquiry("");
}
}

```



// MINI STATEMENT

```
import javax.swing.*;
import java.awt.*;
import java.sql.ResultSet;

public class MiniStatement extends JFrame
{
    String pinnumber;
    public MiniStatement(String pinnumber){
        this.pinnumber=pinnumber;

        setTitle("Mini Statement");
        setSize(400,600);
        setLocation(20,20);
        getContentPane().setBackground(Color.white);
        setVisible(true);
        setLayout(null);
    }
}
```


[illegible]

```
bal+=Integer.parseInt(rs.getString("amount"));
```

bal-

```
" + bal) ;
```

(Excep

tion

e) {

System

```
rintln
```

(e) ;

```
main(String args[])
```

```
MiniStatement("");
```

➡ -> Here is the SIGN-UP Details for Generating new Bank Account.

- ✓ Form No,
- ✓ Name, Father_Name,
- ✓ DOB,
- ✓ Gender,
- ✓ Gmail,
- ✓ Martial_Status,
- ✓ Address,
- ✓ City,
- ✓ Pincode and State.

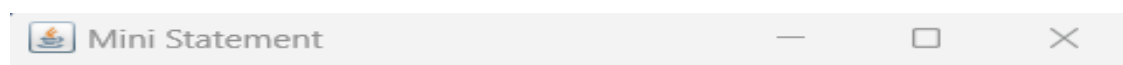
	formno	name	father_name	dob	gender	email	marital_status	address	city	pincode	state
▶	832	SAIKRISHNA	Srinivasa rao	5 Oct, 2001	Male	sakrishnakrish147@gmail.com	Unmarried	RAJAPANAGALA ROAD 14TH LINE	ONGOLE	ANDHRA PRADESH	523001
	1389	AKHIL	SRINIVASA RAO	13 Jul, 2000	Male	akhil123@gmail.com	Unmarried	GADDALAGUNTA	ONGOLE	ANDHRA PRADESH	523001
	6784	STARK	STEVE SMITH		Male	ironman123@gmail.com	Married	GACHIBOWLI	HYDERABAD	TELANGANA	86541

➡ Here is the New Generated Account Type and Card Numbers .

- ✓ Form No
- ✓ Account Type
- ✓ Card Number
- ✓ Pin
- ✓ Facilities

	formno	accountType	cardnumber	pin	facilities
▶	832	Savings Account	1355499250409360	1660	ATM Card
	1389	Current Account	9062037504093600	3124	ATM Card
	6784	Savings Account	5342462150409360	4187	ATM Card

- ✚ Here we are using Indian Bank
- ✚ We done Deposit and withdraw
- ✚ Here in mini statement it shows date and time when the Transaction is occur.



Indian Bank

Sun Apr 16 10:11:14 IST 2023	Deposit	1000
Sun Apr 16 10:12:59 IST 2023	Withdrawl	1000
Sun Apr 16 10:13:23 IST 2023	Deposit	2000
Sun Apr 16 10:13:36 IST 2023	Withdrawl	100

your current account balance is RS 1900

THANK YOU