Passport Management System

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User.java

```java
package Passport.src.UserDetails;

import java.awt.*;
import java.awt.event.*;
import java.io.*;
import java.io.File;
import java.io.FileInputStream;
import java.io.IOError;
import java.io.IOException;
import java.util.*;
import java.util.Scanner;
import javax.lang.model.element.Name;
import javax.swing.*;

public class User {

  String Name;
  int Applicationid;
  String Month;
  int Day, Year;
  int Age;
  String Address;
  String Gender;
  String Marital_Status;
  int Aadhaar_Number;
  String Email;
  int Phonenumber;
```

```java
    String username;
    String password;
    String ApplicationStatus;
    String RenewalStatus;
    boolean renewal = false;

    User(
      String Name,
      int Applicationid,
      int Age,
      int Day,
      String Month,
      int Year,
      String Gender,
      String Marital_Status,
      int Aadhaar_Number,
      String Email,
      int Phonenumber,
      String Address,
      String username,
      String password
    ) {
      this.Name = Name;
      this.Applicationid = Applicationid;
      this.Age = Age;
      this.Day = Day;
      this.Month = Month;
      this.Year = Year;
      this.Gender = Gender;
      this.Marital_Status = Marital_Status;
      this.Aadhaar_Number = Aadhaar_Number;
      this.Email = Email;
      this.Phonenumber = Phonenumber;
      this.Address = Address;
      this.username = username;
      this.password = password;
    }

    void Ren(boolean ren) {
      ren = renewal;
    }
  }
```

Compile Code :

javac -d . User.java

User_Array.java

```java
package Passport.src.UserDetails;

import Passport.src.UserDetails.*;
import java.util.ArrayList;
import java.util.Hashtable;

public class User_Array {

  public static ArrayList<User> user = new ArrayList<User>();
  public static ArrayList<String> un = new ArrayList<String>();
  public static Hashtable<String, User> Au = new Hashtable<String, User>();
  public static Hashtable<String, String> up = new Hashtable<String, String>();
  public static ArrayList<Boolean> ren = new ArrayList<Boolean>();
}
```

Compile Code :

javac -d . User_Array.java

Passport.java

```java
package Passport.src.UserDetails;

import Passport.src.UserDetails.*;
import java.awt.*;
import java.awt.event.*;
import java.io.*;
```

```java
import java.io.File;
import java.io.FileInputStream;
import java.io.IOError;
import java.io.IOException;
import java.util.*;
import java.util.Scanner;
import javax.lang.model.element.Name;
import javax.swing.*;

public class Passport extends User_Array {

  class Create_user implements ActionListener {

    JTextField t1, t2, t3, t4, t5, t6, t7, t8, t9;
    Choice c1, c2, c3, c4, c5, c6, c7;
    JLabel Name, Apl, Emailid, Address, Age, Gender, DateofBirth, Marital_Status, AadhaarNo,
PhoneNo, Username, Password, rePassword, renewal;
    JFrame f;
    JButton b1, b2;
    JCheckBox r1;

    Create_user() {
      f = new JFrame("GUI");

      Name = new JLabel("Name : ");
      Apl = new JLabel("Application ID : ");
      Emailid = new JLabel("Email ID : ");
      Address = new JLabel("Address : ");
      Age = new JLabel("Age : ");
      Gender = new JLabel("Gender : ");
      DateofBirth = new JLabel("Date Of Birth : ");
      Marital_Status = new JLabel("Marital Status : ");
      AadhaarNo = new JLabel("Aadhaar Number : ");
      PhoneNo = new JLabel("Phone Number : ");
      Username = new JLabel("Username : ");
      Password = new JLabel("Password : ");
      renewal = new JLabel("Renewal : ");
      rePassword = new JLabel("RePassword : ");
      r1 = new JCheckBox();

      t1 = new JTextField(18);
      t2 = new JTextField(5);
      t9 = new JTextField(10);
      t3 = new JTextField(25);
```

```java
t4 = new JTextField(10);
t5 = new JTextField(30);
t6 = new JTextField(10);
t7 = new JTextField(10);
t8 = new JTextField(10);
b1 = new JButton("Upload");
b2 = new JButton("Exit");
c1 = new Choice();
c2 = new Choice();
c3 = new Choice();
c4 = new Choice();
c5 = new Choice();
c6 = new Choice();
c1.addItem("Select Age");
for (int i = 1; i <= 90; i++) {
  c1.addItem(Integer.toString(i));
}

c2.addItem("Male");
c2.addItem("Female");
c3.addItem("Day");
for (int i = 1; i <= 31; i++) {
  c3.addItem(Integer.toString(i));
}
c5.addItem("Year");
for (int i = 1880; i <= 2021; i++) {
  c5.addItem(Integer.toString(i));
}
c4.addItem("Month");
c4.addItem("January");
c4.addItem("February");
c4.addItem("March");
c4.addItem("April");
c4.addItem("May");
c4.addItem("June");
c4.addItem("July");
c4.addItem("August");
c4.addItem("September");
c4.addItem("October");
c4.addItem("November");
c4.addItem("December");

c6.addItem("Marital Status");
c6.addItem("Single");
```

```java
        c6.addItem("Married");

        b1.addActionListener(this);

        b2.addActionListener(this);

        f.add(Name);
        f.add(t1);
        f.add(Apl);
        f.add(t9);
        f.add(Age);
        f.add(c1);
        f.add(DateofBirth);
        f.add(c3);
        f.add(c4);
        f.add(c5);
        f.add(Gender);
        f.add(c2);
        f.add(Marital_Status);
        f.add(c6);
        f.add(AadhaarNo);
        f.add(t2);
        f.add(Emailid);
        f.add(t3);
        f.add(PhoneNo);
        f.add(t4);
        f.add(Address);
        f.add(t5);
        f.add(Username);
        f.add(t6);
        f.add(Password);
        f.add(t7);
        f.add(rePassword);
        f.add(t8);
        f.add(renewal);
        f.add(r1);
        f.add(b1);
        f.add(b2);

        f.setLayout(new FlowLayout());
        f.setSize(500, 500);
        f.setVisible(true);
    }
```

```java
public void actionPerformed(ActionEvent e) {
  //boolean Procced = false;
  if (e.getSource() == b1) {
    if (t1.getText().isEmpty()) JOptionPane.showMessageDialog(
      null,
      "Name is not Filled"
    );
    if (c1.getSelectedItem() == "Select Age") JOptionPane.showMessageDialog(
      null,
      "Age is not Filled"
    );
    if (
      c3.getSelectedItem() == "Date" &&
      c4.getSelectedItem().equals("Month") &&
      c5.getSelectedItem().equals("Year")
    ) JOptionPane.showMessageDialog(null, "Date of Birth is not Filled");
    if (c2.getSelectedItem() == "Gender") JOptionPane.showMessageDialog(
      null,
      "Gender is Not Filled"
    );
    if (
      c6.getSelectedItem() == "Marital Status"
    ) JOptionPane.showMessageDialog(null, "Marital Status Not Filled");
    if (t2.getText().isEmpty()) JOptionPane.showMessageDialog(
      null,
      "Aadhaar Number is Empty"
    );
    if (t3.getText().isEmpty()) JOptionPane.showMessageDialog(
      null,
      "Phone Number is Empty"
    );
    if (t4.getText().isEmpty()) JOptionPane.showMessageDialog(
      null,
      "Address is Empty"
    );
    if (t5.getText().isEmpty()) JOptionPane.showMessageDialog(
      null,
      "Username is Empty"
    );
    if (t6.getText().isEmpty()) JOptionPane.showMessageDialog(
      null,
      "Password is Empty"
    );
    if (t6.getText() == t7.getText()) {
```

```java
        JOptionPane.showMessageDialog(null, "Password Not Matching Retry");
      }
    }

    try {
      Integer.parseInt(t2.getText());
      try {
        Integer.parseInt(t4.getText());
        Existing_User();
        User u = new User(
          t1.getText(),
          Integer.parseInt(t9.getText()),
          Integer.parseInt(c1.getSelectedItem()),
          Integer.parseInt(c3.getSelectedItem()),
          c4.getSelectedItem(),
          Integer.parseInt(c5.getSelectedItem()),
          c2.getSelectedItem(),
          c6.getSelectedItem(),
          Integer.parseInt(t2.getText()),
          t3.getText(),
          Integer.parseInt(t4.getText()),
          t5.getText(),
          t6.getText(),
          t7.getText()
        );
        User_Array.user.add(u);
        un.add(t6.getText());
        Au.put(t6.getText(), u);
        up.put(t6.getText(), t7.getText());
        if (r1.isSelected()) {
          ren.add(r1.isSelected());
        } else {
          ren.add(false);
        }
        JOptionPane.showMessageDialog(null, "Successfully Created");
      } catch (NumberFormatException a) {
        System.out.println("Phone Number can only be Number ");
      }
    } catch (NumberFormatException a) {
      System.out.println("Aadhaar Number Can Only be Numbers");
    }
    f.dispose();
    new Login();
    // new show_Created_user();
```

```java
    if (e.getSource() == b2) {
      f.dispose();
    }
  }
}

class AcceptReject extends Passport implements ActionListener {

  JFrame f;
  JButton update, Logout;
  JLabel u1, u2, u3, u4, head;
  JRadioButton a1, a2, a3, a4, r1, r2, r3, r4;

  AcceptReject() {
    f = new JFrame();
    head = new JLabel("APPLICATION FORM");

    a1 = new JRadioButton("Accept");
    a2 = new JRadioButton("Accept");
    a3 = new JRadioButton("Accept");
    a4 = new JRadioButton("Accept");
    r1 = new JRadioButton("Reject");
    r2 = new JRadioButton("Reject");
    r3 = new JRadioButton("Reject");
    r4 = new JRadioButton("Reject");

    u1 =
      new JLabel(
        User_Array.user.get(0).ApplicationStatus + User_Array.user.get(0).Name
      );
    u2 =
      new JLabel(
        User_Array.user.get(1).ApplicationStatus + User_Array.user.get(1).Name
      );
    u3 =
      new JLabel(
        User_Array.user.get(2).ApplicationStatus + User_Array.user.get(2).Name
      );
    u4 =
      new JLabel(
        User_Array.user.get(3).ApplicationStatus + User_Array.user.get(3).Name
      );
```

```java
    update = new JButton("Update");
    Logout = new JButton("Logout");
    update.addActionListener(this);
    Logout.addActionListener(this);

    f.add(head);
    f.add(u1);
    f.add(a1);
    f.add(r1);
    f.add(u2);
    f.add(a2);
    f.add(r2);
    f.add(u3);
    f.add(a3);
    f.add(r3);
    f.add(u4);
    f.add(a4);
    f.add(r4);
    f.add(update);
    f.add(Logout);

    f.setSize(1000, 600);
    f.setVisible(true);
    f.setLayout(new FlowLayout());
  }

  public void actionPerformed(ActionEvent e) {
    if (e.getSource() == update) {
      //f.dispose();
      JOptionPane.showMessageDialog(f, "Successfully Updated");
      //new Login();
    }
    if (e.getSource() == Logout) {
      f.dispose();
      JFrame fi = new JFrame();
      int a = JOptionPane.showConfirmDialog(fi, "Are you Sure ?");
      if (a == JOptionPane.NO_OPTION) {
        fi.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        new Login();
      }
    }
  }
}
```

```java
public static void Existing_User() {
  User poi = new User(
    "Thanuj",
    1,
    18,
    22,
    "April",
    2003,
    "Male",
    "Single",
    123,
    "Raghavgmail.com",
    9874135,
    "fghjlkd",
    "123",
    "123"
  );
  ren.add(true);
  User_Array.user.add(poi);
  un.add("123");
  Au.put("123", poi);
  up.put("123", "123");
  User p0 = new User(
    "Yara",
    25,
    19,
    32,
    "June",
    1984,
    "Male",
    "Married",
    123,
    "Gonmand@gmail.com",
    314784561,
    "John Road, Fifth street , LA 02",
    "321",
    "321"
  );
  un.add("321");
  User_Array.user.add(p0);
  Au.put("321", p0);
  ren.add(true);
  up.put("321", "321");
  User p1 = new User(
```

```java
      "Ramar",
      2,
      19,
      32,
      "June",
      1984,
      "Male",
      "Married",
      123,
      "Gonmand@gmail.com",
      314784561,
      "John Road, Fifth street , LA 02",
      "321abc",
      "321abc"
    );
    un.add("321abc");
    User_Array.user.add(p1);
    Au.put("321abc", p1);
    up.put("321abc", "321abc");
    ren.add(false);
    User p2 = new User(
      "Pranav",
      3,
      19,
      32,
      "June",
      1984,
      "Male",
      "Married",
      123,
      "Gonmand@gmail.com",
      314784561,
      "John Road, Fifth street , LA 02",
      "abc",
      "abc"
    );
    un.add("abc");
    User_Array.user.add(p2);
    Au.put("abc", p2);
    up.put("abc", "abc");
    ren.add(true);
}

public static class Login extends Passport implements ActionListener {
```

```java
JFrame f;
JLabel l1;
JButton b1, b2, b3, b4;

Login() {
  f = new JFrame();
  l1 = new JLabel("Login");
  b1 = new JButton("Admin");
  b2 = new JButton("User");
  b3 = new JButton("Create User");
  b4 = new JButton("Exit");
  f.add(l1);
  f.add(b1);
  f.add(b2);
  f.add(b3);
  f.add(b4);
  b1.addActionListener(this);
  b2.addActionListener(this);
  b3.addActionListener(this);
  b4.addActionListener(this);
  f.setSize(1000, 600);
  f.setLayout(new FlowLayout());
  f.setVisible(true);
}

public void actionPerformed(ActionEvent e) {
  if (e.getSource() == b1) {
    f.dispose();
    new AdminLogin();
  }
  if (e.getSource() == b2) {
    f.dispose();
    new UserLogin();
  }
  if (e.getSource() == b3) {
    new Passport.Create_user();
    f.dispose();
  }
  if (e.getSource() == b4) {
    f.dispose();
  }
}
}
```

```java
class AdminLogin extends Passport implements ActionListener {

  JFrame f;
  JButton b1, b2, b3;
  JLabel l1, l2, l3, l4;
  JTextField t1, t3;
  JPasswordField t2;

  AdminLogin() {
    f = new JFrame();
    l1 = new JLabel("USERNAME ");
    t1 = new JTextField(5);
    l2 = new JLabel("PASSWORD ");
    t2 = new JPasswordField(3);
    b1 = new JButton("Login");
    b2 = new JButton("Exit");

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

    f.add(l1);
    f.add(t1);
    f.add(l2);
    f.add(t2);
    f.add(b1);
    f.add(b2);
    f.setSize(1000, 600);
    f.setVisible(true);
    f.setLayout(new FlowLayout());
  }

  public void actionPerformed(ActionEvent e) {
    if (e.getSource() == b1) {
      String password = new String(t2.getPassword());
      if ((t1.getText()).equals("admin") & password.equals("123")) {
        f.dispose();
        new Passport.AcceptReject();
      }
    }
    if (e.getSource() == b2) {
      f.dispose();
      new Login();
    }
```

```java
  }
}

class UserLogin implements ActionListener {

  JFrame f;
  JButton b1, b2, b3;
  JLabel l1, l2, l3, l4;
  JTextField t1, t3;
  JPasswordField t2;
  int Index;

  UserLogin() {
    f = new JFrame();
    l1 = new JLabel("USERNAME ");
    t1 = new JTextField(5);
    l2 = new JLabel("PASSWORD ");
    l3 = new JLabel(User_Array.user.get(1).username);
    t2 = new JPasswordField(3);
    b1 = new JButton("Login");
    b2 = new JButton("Exit");

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

    f.add(l1);
    f.add(t1);
    f.add(l2);
    f.add(t2);
    f.add(b1);
    f.add(l3);
    f.add(b2);
    f.setSize(1000, 600);
    f.setVisible(true);
    f.setLayout(new FlowLayout());
  }

  public void actionPerformed(ActionEvent e) {
    if (e.getSource() == b1) {
      String password = new String(t2.getPassword());
      String un = new String(t1.getText());

      if (
        User_Array.Au.containsKey(un) &&
```

```java
      User_Array.up.containsKey(un) &&
      User_Array.up.containsValue(password)
    ) {
      int index = User_Array.un.indexOf(un);
      index = Index;
      System.out.println(
        "lOGEDIN sUCCESSFULL " +
        User_Array.un.indexOf(un) +
        "  " +
        User_Array.user.get(index) +
        " " +
        User_Array.user.get(index).Name
      );

      new Renewal();
    }
  }

  if (e.getSource() == b2) {
    f.dispose();
    new Login();
  }
}

class Renewal implements ActionListener {

  JFrame f;
  JLabel l1, l2, l3, l4, l5, l6, name;
  JCheckBox c1, c2, c3, c4, c5;
  JButton b1, b2, b3, b4, b5;

  JComboBox reasons, chandet;

  Renewal() {
    f = new JFrame();
    name = new JLabel(User_Array.user.get(Index).Name + " Logged In");
    b1 = new JButton("Update");
    b2 = new JButton("Back");
    l1 = new JLabel("Applying for : ");
    l2 = new JLabel("if Re-issue, Specify reasons : ");
    l3 =
      new JLabel(
        "If change in existing Personal Particulars, specify reason(s)"
      );
```

```java
    c1 = new JCheckBox("Fresh Passport");
    c2 = new JCheckBox("Re-issue of Passport");

    String[] r = {
      "Choose",
      "Validity Expired within 3 years/Due to Expire",
      "Validity Expired more than 3 years ago",
      "Change in Existing Personal Particulars",
      "Exhaustion of Pages",
      "Lost Passport",
      "Damaged Passport",
    };
    reasons = new JComboBox<>(r);
    String[] p = {
      "None",
      "Appearance",
      "Signature",
      "Name",
      "Surname",
      "Date of Birth",
      "Address",
      "None",
    };
    chandet = new JComboBox<>(p);

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

    f.add(name);
    f.add(l1);
    f.add(c1);
    f.add(c2);
    f.add(l2);
    f.add(reasons);
    f.add(l3);
    f.add(chandet);
    f.add(b1);
    f.add(b2);
    f.setSize(1000, 600);
    f.setVisible(true);
    f.setLayout(new FlowLayout());
}

public void actionPerformed(ActionEvent e) {
```

```java
        if (e.getSource() == b1) {
          if (c2.isSelected()) {
            String successfull =
              "\n Successfully Updated . We will contact you later. Thankyou";
            if (chandet.getSelectedItem() != "None") {
              String changed =
                "Changes will be applied to Your new Passport.\n";
              JOptionPane.showMessageDialog(null, changed + successfull);
            }
          }
        }
        if (e.getSource() == b2) {
          f.dispose();
          new Login();
        }
      }
    }
  }

  public static void main(String[] args) {
    Existing_User();
    new Login();
  }
}
```

Compile Code :

javac -d . Passport.java

java Passport.src.UserDetails.Passport

This Project is in Developing state.