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package ASimulatorSystem;

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

public class Login extends JFrame implements ActionListener{

    JLabel l1,l2,l3;
    JTextField tf1;
    JPasswordField pf2;
    JButton b1,b2,b3;

    Login() {
        setTitle("AUTOMATED TELLER MACHINE");

        ImageIcon i1 = new
ImageIcon(ClassLoader.getResource("icons/logo.jpg"));
        Image i2 = i1.getImage().getScaledInstance(100, 100,
Image.SCALE_DEFAULT);
        ImageIcon i3 = new ImageIcon(i2);
        JLabel l11 = new JLabel(i3);
        l11.setBounds(70, 10, 100, 100);
        add(l11);

        l1 = new JLabel("WELCOME TO ATM");
        l1.setFont(new Font("Oswald", Font.BOLD, 38));
        l1.setBounds(200, 40, 450, 40);
        add(l1);

        l2 = new JLabel("Card No:");
        l2.setFont(new Font("Raleway", Font.BOLD, 28));
        l2.setBounds(125, 150, 375, 30);
        add(l2);

        tf1 = new JTextField(15);
        tf1.setBounds(300, 150, 230, 30);
        tf1.setFont(new Font("Arial", Font.BOLD, 14));
        add(tf1);

        l3 = new JLabel("PIN:");
        l3.setFont(new Font("Raleway", Font.BOLD, 28));
        l3.setBounds(125, 220, 375, 30);
        add(l3);

        pf2 = new JPasswordField(15);
        pf2.setFont(new Font("Arial", Font.BOLD, 14));
        pf2.setBounds(300, 220, 230, 30);
        add(pf2);

        b1 = new JButton("SIGN IN");
        b1.setBackground(Color.BLACK);
        b1.setForeground(Color.WHITE);

        b2 = new JButton("CLEAR");
        b2.setBackground(Color.BLACK);
        b2.setForeground(Color.WHITE);

        b3 = new JButton("SIGN UP");
        b3.setBackground(Color.BLACK);

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        b3.setForeground(Color.WHITE);

        setLayout(null);

        b1.setFont(new Font("Arial", Font.BOLD, 14));
        b1.setBounds(300,300,100,30);
        add(b1);

        b2.setFont(new Font("Arial", Font.BOLD, 14));
        b2.setBounds(430,300,100,30);
        add(b2);

        b3.setFont(new Font("Arial", Font.BOLD, 14));
        b3.setBounds(300,350,230,30);
        add(b3);

        b1.addActionListener(this);
        b2.addActionListener(this);
        b3.addActionListener(this);

        getContentPane().setBackground(Color.WHITE);

        setSize(800,480);
        setLocation(250,200);
        setVisible(true);

    }
    public void actionPerformed(ActionEvent ae){
        try{
            if(ae.getSource()==b1){
                Conn c1 = new Conn();
                String cardno = tf1.getText();
                String pin = pf2.getText();
                String q = "select * from login where cardno = 
""+cardno+"" and pin = '"+pin+"'";

                ResultSet rs = c1.s.executeQuery(q);
                if(rs.next()){
                    setVisible(false);
                    new Transactions(pin).setVisible(true);
                }else{
                    JOptionPane.showMessageDialog(null, "Incorrect Card
Number or PIN");
                }
            }
            }else if(ae.getSource()==b2){
                tf1.setText("");
                pf2.setText("");
            }else if(ae.getSource()==b3){
                setVisible(false);
                new Signup().setVisible(true);
            }
        }catch(Exception e){
            e.printStackTrace();
        }
    }
    public static void main(String[] args){
        new Login().setVisible(true);
    }
}

```

