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(){

setFont(new Font("System", Font.BOLD, 22));

Font f = getFont();

FontMetrics fm = getFontMetrics(f);

int x = fm.stringWidth("AUTOMATED TELLER MACHINE");

int y = fm.stringWidth(" ");

int z = getWidth() - x;

int w = z/y;

String pad ="";

//for (int i=0; i!=w; i++) pad +=" ";

pad = String.format("%"+w+"s", pad);

setTitle(pad+"AUTOMATED TELLER MACHINE");

l1 = new JLabel("WELCOME TO ATM");

l1.setFont(new Font("Osward", Font.BOLD, 38));

l2 = new JLabel("Card No:");

l2.setFont(new Font("Raleway", Font.BOLD, 28));

l3 = new JLabel("PIN:");

l3.setFont(new Font("Raleway", Font.BOLD, 28));

tf1 = new JTextField(15);

pf2 = new JPasswordField(15);

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);

b3.setForeground(Color.WHITE);

setLayout(null);

l1.setBounds(175,50,450,200);

add(l1);

l2.setBounds(125,150,375,200);

add(l2);

tf1.setBounds(300,235,230,30);

add(tf1);

l3.setBounds(125,225,375,200);

add(l3);

tf1.setFont(new Font("Arial", Font.BOLD, 14));

pf2.setFont(new Font("Arial", Font.BOLD, 14));

pf2.setBounds(300,310,230,30);

add(pf2);

b1.setFont(new Font("Arial", Font.BOLD, 14));

b1.setBounds(300,400,100,30);

add(b1);

b2.setFont(new Font("Arial", Font.BOLD, 14));

b2.setBounds(430,400,100,30);

add(b2);

b3.setFont(new Font("Arial", Font.BOLD, 14));

b3.setBounds(300,450,230,30);

add(b3);

b1.addActionListener(this);

b2.addActionListener(this);

b3.addActionListener(this);

getContentPane().setBackground(Color.WHITE);

setSize(750,750);

setLocation(350,50);

setVisible(true);

}

public void actionPerformed(ActionEvent ae){

try{

conn c1 = new conn();

String a = tf1.getText();

String b = pf2.getText();

String q = "select \* from login where cardno = '"+a+"' and pin = '"+b+"'";

ResultSet rs = c1.s.executeQuery(q);

if(ae.getSource()==b1){

if(rs.next()){

new Transcations().setVisible(true);

setVisible(false);

}else{

JOptionPane.showMessageDialog(null, "Incorrect Card Number or Password");

}

}else if(ae.getSource()==b2){

tf1.setText("");

pf2.setText("");

}else if(ae.getSource()==b3){

new Signup().setVisible(true);

setVisible(false);

}

}catch(Exception e){

e.printStackTrace();

System.out.println("error: "+e);

}

}

public static void main(String[] args){

new Login().setVisible(true);

}

}