package ASimulator.system;

import java.awt.\*;

import java.awt.event.\*;

import javax.swing.\*;

import java.sql.\*;

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\*/

class Login extends JFrame implements ActionListener {

JLabel l1, l2, l3;

JTextField tf1;

JPasswordField pf2;

JButton b1, b2, b3;

Login() {

// Move the font to Centre

setFont(new Font("Raleway", 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 = "";

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));

l1.setForeground(Color.white);

l2 = new JLabel("Card No");

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

l2.setForeground(Color.white);

l3 = new JLabel("PIN");

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

l3.setForeground(Color.white);

tf1 = new JTextField(15);

tf1.setBackground(new Color(204,229,255));

pf2 = new JPasswordField(15);

pf2.setBackground(new Color(204,229,255));

b1 = new JButton("SIGN IN");

b1.setBackground(new Color(0,51,25));

b1.setForeground(Color.WHITE);

b2 = new JButton("CLEAR");

b2.setBackground(new Color(102,0,51));

b2.setForeground(Color.WHITE);

b3 = new JButton("SIGN UP");

b3.setBackground(new Color(102,0,0));

b3.setForeground(Color.WHITE);

setLayout(null);

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

add(l1);

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

add(l2);

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

add(l3);

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

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

add(tf1);

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

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

add(pf2);

b1.setFont(new Font("Arial", Font.BOLD, 24));

b1.setBounds(210, 400, 150, 50);

add(b1);

b2.setFont(new Font("Arial", Font.BOLD, 24));

b2.setBounds(420, 400, 150, 50);

add(b2);

b3.setFont(new Font("Arial", Font.BOLD, 24));

b3.setBounds(280, 500, 230, 50);

add(b3);

b1.addActionListener(this);

b2.addActionListener(this);

b3.addActionListener(this);

getContentPane().setBackground(new Color(0,25,51));

setSize(800, 800);

setLocation(500, 200);

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 Transactions().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);

}

}