package ASimulator.system;

import javax.swing.\*;

import java.awt.\*;

import java.sql.\*;

import java.awt.event.\*;

/\*\*

\*

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\*/

public class FastCash extends JFrame implements ActionListener{

JLabel l1,l2;

JButton b1,b2,b3,b4,b5,b6,b7,b8;

JTextField t1;

FastCash(){

// Move text to the centre

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

Font f = getFont();

FontMetrics fm = getFontMetrics(f);

int x = fm.stringWidth("FastCash");

int y = fm.stringWidth(" ");

int z = getWidth() - 5\*x;

int w = z/y;

String pad = "";

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

setTitle(pad+"FastCash");

l1 = new JLabel("SELECT WITHDRAWL AMOUNT");

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

l1.setForeground(Color.white);

l2 = new JLabel("Enter Pin");

l2.setFont(new Font("System",Font.BOLD, 13));

l2.setForeground(Color.white);

t1 = new JTextField();

t1.setFont(new Font("System", Font.BOLD, 13));

t1.setBackground(new Color(204,229,255));

b1 = new JButton("Rs 100");

b1.setForeground(Color.WHITE);

b1.setBackground(new Color(102,0,0));

b1.setFont(new Font("Raleway", Font.BOLD, 18));

b2 = new JButton("Rs 500");

b2.setForeground(Color.WHITE);

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

b2.setFont(new Font("Raleway", Font.BOLD, 18));

b3 = new JButton("Rs 1000");

b3.setForeground(Color.WHITE);

b3.setBackground(new Color(0,51,25));

b3.setFont(new Font("Raleway", Font.BOLD, 18));

b4 = new JButton("Rs 2000");

b4.setForeground(Color.WHITE);

b4.setBackground(new Color(0,51,25));

b4.setFont(new Font("Raleway", Font.BOLD, 18));

b5 = new JButton("Rs 5000");

b5.setForeground(Color.WHITE);

b5.setBackground(new Color(102,0,0));

b5.setFont(new Font("Raleway", Font.BOLD, 18));

b6 = new JButton("Rs 10000");

b6.setForeground(Color.WHITE);

b6.setBackground(new Color(102,0,0));

b6.setFont(new Font("Raleway", Font.BOLD, 18));

b7 = new JButton("BACK");

b7.setForeground(Color.WHITE);

b7.setBackground(new Color(102,0,51));

b7.setFont(new Font("Raleway", Font.BOLD, 18));

setLayout(null);

l2.setBounds(640,10,60,40);

add(l2);

t1.setBounds(710,10,60,40);

add(t1);

l1.setBounds(100,100,700,40);

add(l1);

b1.setBounds(40,250,300,60);

add(b1);

b2.setBounds(440,250,300,60);

add(b2);

b3.setBounds(40,360,300,60);

add(b3);

b4.setBounds(440,360,300,60);

add(b4);

b5.setBounds(40,470,300,60);

add(b5);

b6.setBounds(440,470,300,60);

add(b6);

b7.setBounds(240,600,300,60);

add(b7);

b1.addActionListener(this);

b2.addActionListener(this);

b3.addActionListener(this);

b4.addActionListener(this);

b5.addActionListener(this);

b6.addActionListener(this);

b7.addActionListener(this);

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

setSize(850,850);

setLocation(500,120);

setVisible(true);

}

public void actionPerformed(ActionEvent ae){

String a = t1.getText();

double balance =0;

try{

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

conn c1 = new conn();

ResultSet rs = c1.s.executeQuery("Select \* from bank where pin = '"+a+"'");

if(rs.next()){

String pin = rs.getString("pin");

balance = rs.getDouble("balance");

if(balance<100){

JOptionPane.showMessageDialog(null,"You do not have enough money");

}else{

balance = balance - 100;

String q1 = "update bank set balance = '"+balance+"' where pin = '"+a+"'";

c1.s.executeUpdate(q1);

JOptionPane.showMessageDialog(null, "Rs. "+100+" Debited Succefully" );

new Transactions().setVisible(true);

setVisible(false);

}

}else{

JOptionPane.showMessageDialog(null,"You have entered wrong pin");

}

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

conn c1 = new conn();

ResultSet rs = c1.s.executeQuery("Select \* from bank where pin = '"+a+"'");

if(rs.next()){

String pin = rs.getString("pin");

balance = rs.getDouble("balance");

if(balance<500){

JOptionPane.showMessageDialog(null,"You do not have enough money");

}else{

balance = balance - 500;

String q1 = "update bank set balance = '"+balance+"' where pin = '"+a+"'";

c1.s.executeUpdate(q1);

JOptionPane.showMessageDialog(null, "Rs. "+500+" Debited Succefully" );

new Transactions().setVisible(true);

setVisible(false);

}

}else{

JOptionPane.showMessageDialog(null,"You have entered wrong pin");

}

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

conn c1 = new conn();

ResultSet rs = c1.s.executeQuery("Select \* from bank where pin = '"+a+"'");

if(rs.next()){

String pin = rs.getString("pin");

balance = rs.getDouble("balance");

if(balance<1000){

}else{

balance = balance - 1000;

String q1 = "update bank set balance = '"+balance+"' where pin = '"+a+"'";

c1.s.executeUpdate(q1);

JOptionPane.showMessageDialog(null, "Rs. "+1000+" Debited Succefully" );

new Transactions().setVisible(true);

setVisible(false);

}

}else{

JOptionPane.showMessageDialog(null,"You have entered wrong pin");

}

}else if(ae.getSource()==b4){

conn c1 = new conn();

ResultSet rs = c1.s.executeQuery("Select \* from bank where pin = '"+a+"'");

if(rs.next()){

String pin = rs.getString("pin");

balance = rs.getDouble("balance");

if(balance<2000){

JOptionPane.showMessageDialog(null,"You do not have enough money");

}else{

balance = balance - 2000;

String q1 = "update bank set balance = '"+balance+"' where pin = '"+a+"'";

c1.s.executeUpdate(q1);

JOptionPane.showMessageDialog(null, "Rs. "+2000+" Debited Succefully" );

new Transactions().setVisible(true);

setVisible(false);

}

}else{

JOptionPane.showMessageDialog(null,"You have entered wrong pin");

}

}else if(ae.getSource()==b5){

conn c1 = new conn();

ResultSet rs = c1.s.executeQuery("Select \* from bank where pin = '"+a+"'");

if(rs.next()){

String pin = rs.getString("pin");

balance = rs.getDouble("balance");

if(balance<5000){

JOptionPane.showMessageDialog(null,"You do not have enough money");

}else{

balance = balance - 5000;

String q1 = "update bank set balance = '"+balance+"' where pin = '"+a+"'";

c1.s.executeUpdate(q1);

JOptionPane.showMessageDialog(null, "Rs. "+5000+" Debited Succefully" );

new Transactions().setVisible(true);

setVisible(false);

}

}else{

JOptionPane.showMessageDialog(null,"You have entered wrong pin");

}

}else if(ae.getSource()==b6){

conn c1 = new conn();

ResultSet rs = c1.s.executeQuery("Select \* from bank where pin = '"+a+"'");

if(rs.next()){

String pin = rs.getString("pin");

balance = rs.getDouble("balance");

if(balance<10000){

JOptionPane.showMessageDialog(null,"You do not have enough money");

}else{

balance = balance - 10000;

String q1 = "update bank set balance = '"+balance+"' where pin = '"+a+"'";

c1.s.executeUpdate(q1);

JOptionPane.showMessageDialog(null, "Rs. "+10000+" Debited Succefully" );

new Transactions().setVisible(true);

setVisible(false);

}

}else{

JOptionPane.showMessageDialog(null,"You have entered wrong pin");

}

}else if(ae.getSource()==b7){

new Transactions().setVisible(true);

setVisible(false);

}

}catch(Exception e){

e.printStackTrace();

}

}

public static void main(String[] args){

new FastCash().setVisible(true);

}

}