package ASimulator.system;

import javax.swing.\*;

import java.awt.\*;

import java.sql.\*;

import java.awt.event.\*;

/\*\*

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\*/

public class Withdrawl extends JFrame implements ActionListener {

JTextField t1,t2;

JButton b1,b2,b3;

JLabel l1,l2,l3;

Withdrawl(){

// Move text to the centre

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

Font f = getFont();

FontMetrics fm = getFontMetrics(f);

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

int y = fm.stringWidth(" ");

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

int w = z/y;

String pad = "";

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

setTitle(pad+"Transaction");

l1 = new JLabel("ENTER AMOUNT YOU WANT TO WITHDRAWL");

l1.setForeground(Color.white);

l1.setFont(new Font("System", Font.BOLD, 28));

l3 = new JLabel("Enter pin");

l3.setFont(new Font("System", Font.BOLD, 14));

l3.setForeground(Color.white);

t1 = new JTextField();

t1.setFont(new Font("Raleway", Font.BOLD, 22));

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

t2 = new JTextField();

t2.setFont(new Font("Raleway", Font.BOLD, 14));

t2.setBackground(new Color(204,229,255));

b1 = new JButton("WITHDRAW");

b1.setForeground(Color.WHITE);

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

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

b2 = new JButton("BACK");

b2.setForeground(Color.WHITE);

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

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

b3 = new JButton("EXIT");

b3.setForeground(Color.WHITE);

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

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

setLayout(null);

l3.setBounds(620,10,80,30);

add(l3);

t2.setBounds(700,10,50,30);

add(t2);

l1.setBounds(150,150,800,60);

add(l1);

t1.setBounds(250,300,300,50);

add(t1);

b1.setBounds(260,450,125,50);

add(b1);

b2.setBounds(415,450,125,50);

add(b2);

b3.setBounds(300,550,200,50);

add(b3);

b1.addActionListener(this);

b2.addActionListener(this);

b3.addActionListener(this);

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

setSize(850,850);

setLocation(500,120);

setVisible(true);

}

public void actionPerformed(ActionEvent ae){

try{

String a = t1.getText();

String b = t2.getText();

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

if(t1.getText().equals("")){

JOptionPane.showMessageDialog(null, "Please enter the Amount to you want to WITHDRAW");

}else if(t2.getText().equals("")){

JOptionPane.showMessageDialog(null,"Please enter pin");

} else{

conn c1 = new conn();

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

double balance =0;

if(rs.next()){

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

balance = rs.getDouble("balance");

double d = Double.parseDouble(a);

if(balance<d){

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

}else{

balance = balance - d;

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

c1.s.executeUpdate(q1);

JOptionPane.showMessageDialog(null, "Rs. "+a+" Debited Successfully");

new Transactions().setVisible(true);

setVisible(false);

}

}else{

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

}

}

}

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

new Transactions().setVisible(true);

setVisible(false);

}

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

System.exit(0);

}

}catch(Exception e){

e.printStackTrace();

}

}

public static void main(String[] args){

new Withdrawl().setVisible(true);

}

}