/\*

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\* @CSC-289-0B01

\* @CheckoutForm

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package applicationstartpage;

import javax.swing.\*;

import java.awt.event.\*;

import java.awt.\*;

import java.sql.\*;

public class CheckoutForm implements ActionListener {

JFrame frame;

//Creating objects

JLabel userNameLabel=new JLabel("USER NAME");

JLabel shippingAddressLabel=new JLabel("SHIP ADDRESS");

JLabel billingAddressLabel=new JLabel("BILL ADDRESS");

JLabel cardNumberLabel=new JLabel("CARD NUMBER");

JTextField userNameField=new JTextField();

JTextField shippingAddressField=new JTextField();

JTextField billingAddressField=new JTextField();

JTextField cardNumberField=new JTextField();

JButton registerButton=new JButton("REGISTER");

JButton resetButton=new JButton("RESET");

JButton returnButton = new JButton("RETURN");

JButton completeButton = new JButton("COMPLETE");

//Creating constructor

CheckoutForm()

{

createWindow();

setLocationAndSize();

addComponentsToFrame();

actionEvent();

}

public void createWindow()

{

frame=new JFrame();

frame.setTitle("Checkout Form");

frame.setBounds(40,40,400,400);

frame.getContentPane().setBackground(Color.orange);

frame.getContentPane().setLayout(null);

frame.setVisible(true);

frame.setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

frame.setResizable(false);

}

public void setLocationAndSize()

{

userNameLabel.setBounds(20,20,100,70);

shippingAddressLabel.setBounds(20,70,100,70);

billingAddressLabel.setBounds(20,120,100,70);

cardNumberLabel.setBounds(20,170,100,70);

userNameField.setBounds(180,43,185,23);

shippingAddressField.setBounds(180,93,185,23);

billingAddressField.setBounds(180,143,185,23);

cardNumberField.setBounds(180,193,185,23);

registerButton.setBounds(15,263,160,30);

resetButton.setBounds(185,263,160,30);

returnButton.setBounds(15,303,160,30);

completeButton.setBounds(185,303,160,30);

}

public void addComponentsToFrame()

{

frame.add(userNameLabel);

frame.add(shippingAddressLabel);

frame.add(billingAddressLabel);

frame.add(cardNumberLabel);

frame.add(userNameField);

frame.add(shippingAddressField);

frame.add(billingAddressField);

frame.add(cardNumberField);

frame.add(registerButton);

frame.add(resetButton);

frame.add(returnButton);

frame.add(completeButton);

}

public void actionEvent()

{

registerButton.addActionListener(this);

resetButton.addActionListener(this);

returnButton.addActionListener(this);

completeButton.addActionListener(this);

}

@Override

public void actionPerformed(ActionEvent e) {

if(e.getSource()==registerButton)

{

try {

Connection connection=DriverManager.getConnection("jdbc:derby://localhost:1527/MyGamingDomainDataBase","VanHoofAlex","password");

PreparedStatement Pstatement=connection.prepareStatement("INSERT INTO"

+ " userProps(userName,shippingAddress,billingAddress,cardNumber)"

+ " VALUES (?, ?, ?, ?)");

Pstatement.setString(1,userNameField.getText());

Pstatement.setString(2,shippingAddressField.getText());

Pstatement.setString(3,billingAddressField.getText());

Pstatement.setString(4,cardNumberField.getText());

Pstatement.executeUpdate();

JOptionPane.showMessageDialog(null,"Data Registered Successfully");

} catch (SQLException e1) {

e1.printStackTrace();

}

}

if(e.getSource()==resetButton)

{

shippingAddressField.setText("");

billingAddressField.setText("");

cardNumberField.setText("");

}

if (e.getSource() == returnButton) {

frame.dispose();

new BrowsingStockForm();

}

if (e.getSource() == completeButton) {

try {

Connection connection=DriverManager.getConnection("jdbc:derby://localhost:1527/MyGamingDomainDataBase","VanHoofAlex","password");

PreparedStatement Pstatement1=connection.prepareStatement("DROP table userCart");

PreparedStatement Pstatement2=connection.prepareStatement("CREATE table userCart (\n"

+ "itemName VARCHAR(20),\n"

+ "itemPlatform VARCHAR(20),\n"

+ "itemCount INTEGER,\n"

+ "itemPrice INTEGER)");

Pstatement1.executeUpdate();

Pstatement2.executeUpdate();

JOptionPane.showMessageDialog(null,"Data Registered Successfully");

} catch (SQLException e1) {

e1.printStackTrace();

}

frame.dispose();

String username = userNameField.getText();

JOptionPane.showMessageDialog(null,"Thank you "+username+", for your purchase!\n "

+ "You will receive an order confirmation via email within the hour.");

}

}

}