/\*

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\* @CSC-289-0B01

\* @PcGamesForm

\* @Last Edit 4/28/21

\*/

package applicationstartpage;

import javax.swing.\*;

import java.awt.event.\*;

import java.awt.\*;

import java.sql.\*;

import java.awt.event.ActionEvent;

import java.awt.event.ActionListener;

public class PcGamesForm implements ActionListener {

JFrame frame;

//Creating objects

JLabel pcCategoryLabel = new JLabel("PC GAMES");

JButton pcItemButton1 = new JButton("MINECRAFT");

JButton addToCartButton1 = new JButton("ADD");

JButton removeFromCartButton1 = new JButton("REM");

JButton pcItemButton2 = new JButton("OVERWATCH");

JButton addToCartButton2 = new JButton("ADD");

JButton removeFromCartButton2 = new JButton("REM");

JButton pcItemButton3 = new JButton("FORTNITE");

JButton addToCartButton3 = new JButton("ADD");

JButton removeFromCartButton3 = new JButton("REM");

JButton pcItemButton4 = new JButton("GTA 5");

JButton addToCartButton4 = new JButton("ADD");

JButton removeFromCartButton4 = new JButton("REM");

JButton pcItemButton5 = new JButton("SEA OF THIEVES");

JButton addToCartButton5 = new JButton("ADD");

JButton removeFromCartButton5 = new JButton("REM");

JButton pcItemButton6 = new JButton("LEFT 4 DEAD 4");

JButton addToCartButton6 = new JButton("ADD");

JButton removeFromCartButton6 = new JButton("REM");

JButton pcItemButton7 = new JButton("FALLOUT 4");

JButton addToCartButton7 = new JButton("ADD");

JButton removeFromCartButton7 = new JButton("REM");

JButton pcItemButton8 = new JButton("FALLOUT 76");

JButton addToCartButton8 = new JButton("ADD");

JButton removeFromCartButton8 = new JButton("REM");

JButton pcItemButton9 = new JButton("DOOM");

JButton addToCartButton9 = new JButton("ADD");

JButton removeFromCartButton9 = new JButton("REM");

JButton pcItemButton10 = new JButton("RDR2");

JButton addToCartButton10 = new JButton("ADD");

JButton removeFromCartButton10 = new JButton("REM");

JButton categoryReturnButton = new JButton("RETURN");

//Creating constructor

PcGamesForm()

{

createWindow();

setLocationAndSize();

addComponentsToFrame();

actionEvent();

}

public void createWindow()

{

frame=new JFrame();

frame.setTitle("Pc Games Form");

frame.setBounds(40,40,400,600);

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

frame.getContentPane().setLayout(null);

frame.setVisible(true);

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

frame.setResizable(false);

}

public void setLocationAndSize()

{

pcCategoryLabel.setBounds(150, 10, 140, 30);

pcItemButton1.setBounds(20, 80, 140, 30);

addToCartButton1.setBounds(20, 110, 70, 20);

removeFromCartButton1.setBounds(90, 110, 70, 20);

pcItemButton2.setBounds(20, 150, 140, 30);

addToCartButton2.setBounds(20, 180, 70, 20);

removeFromCartButton2.setBounds(90, 180, 70, 20);

pcItemButton3.setBounds(20, 220, 140, 30);

addToCartButton3.setBounds(20, 250, 70, 20);

removeFromCartButton3.setBounds(90, 250, 70, 20);

pcItemButton4.setBounds(20, 290, 140, 30);

addToCartButton4.setBounds(20, 320, 70, 20);

removeFromCartButton4.setBounds(90, 320, 70, 20);

pcItemButton5.setBounds(20, 360, 140, 30);

addToCartButton5.setBounds(20, 390, 70, 20);

removeFromCartButton5.setBounds(90, 390, 70, 20);

pcItemButton6.setBounds(220, 80, 140, 30);

addToCartButton6.setBounds(220, 110, 70, 20);

removeFromCartButton6.setBounds(290, 110, 70, 20);

pcItemButton7.setBounds(220, 150, 140, 30);

addToCartButton7.setBounds(220, 180, 70, 20);

removeFromCartButton7.setBounds(290, 180, 70, 20);

pcItemButton8.setBounds(220, 220, 140, 30);

addToCartButton8.setBounds(220, 250, 70, 20);

removeFromCartButton8.setBounds(290, 250, 70, 20);

pcItemButton9.setBounds(220, 290, 140, 30);

addToCartButton9.setBounds(220, 320, 70, 20);

removeFromCartButton9.setBounds(290, 320, 70, 20);

pcItemButton10.setBounds(220, 360, 140, 30);

addToCartButton10.setBounds(220, 390, 70, 20);

removeFromCartButton10.setBounds(290, 390, 70, 20);

categoryReturnButton.setBounds(120, 430, 140, 30);

}

public void addComponentsToFrame()

{

frame.add(pcCategoryLabel);

frame.add(pcItemButton1);

frame.add(addToCartButton1);

frame.add(removeFromCartButton1);

frame.add(pcItemButton2);

frame.add(addToCartButton2);

frame.add(removeFromCartButton2);

frame.add(pcItemButton3);

frame.add(addToCartButton3);

frame.add(removeFromCartButton3);

frame.add(pcItemButton4);

frame.add(addToCartButton4);

frame.add(removeFromCartButton4);

frame.add(pcItemButton5);

frame.add(addToCartButton5);

frame.add(removeFromCartButton5);

frame.add(pcItemButton6);

frame.add(addToCartButton6);

frame.add(removeFromCartButton6);

frame.add(pcItemButton7);

frame.add(addToCartButton7);

frame.add(removeFromCartButton7);

frame.add(pcItemButton8);

frame.add(addToCartButton8);

frame.add(removeFromCartButton8);

frame.add(pcItemButton9);

frame.add(addToCartButton9);

frame.add(removeFromCartButton9);

frame.add(pcItemButton10);

frame.add(addToCartButton10);

frame.add(removeFromCartButton10);

frame.add(categoryReturnButton);

}

public void actionEvent()

{

pcItemButton1.addActionListener(this);

addToCartButton1.addActionListener(this);

removeFromCartButton1.addActionListener(this);

pcItemButton2.addActionListener(this);

addToCartButton2.addActionListener(this);

removeFromCartButton2.addActionListener(this);

pcItemButton3.addActionListener(this);

addToCartButton3.addActionListener(this);

removeFromCartButton3.addActionListener(this);

pcItemButton4.addActionListener(this);

addToCartButton4.addActionListener(this);

removeFromCartButton4.addActionListener(this);

pcItemButton5.addActionListener(this);

addToCartButton5.addActionListener(this);

removeFromCartButton5.addActionListener(this);

pcItemButton6.addActionListener(this);

addToCartButton6.addActionListener(this);

removeFromCartButton6.addActionListener(this);

pcItemButton7.addActionListener(this);

addToCartButton7.addActionListener(this);

removeFromCartButton7.addActionListener(this);

pcItemButton8.addActionListener(this);

addToCartButton8.addActionListener(this);

removeFromCartButton8.addActionListener(this);

pcItemButton9.addActionListener(this);

addToCartButton9.addActionListener(this);

removeFromCartButton9.addActionListener(this);

pcItemButton10.addActionListener(this);

addToCartButton10.addActionListener(this);

removeFromCartButton10.addActionListener(this);

categoryReturnButton.addActionListener(this);

}

@Override

public void actionPerformed(ActionEvent e) {

//Coding Part of RETURN button

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

frame.dispose();

new BrowsingStockForm();

}

//Coding Part of pcItemButton1

if (e.getSource() == pcItemButton1) {

JOptionPane.showMessageDialog(null,"Minecraft\n"

+ "Open world role playing game.\n"

+ "Is multiplayer, and is cross platform compatable.\n"

+ "Can be played on Playstation, Xbox, Switch, and Pc.\n"

+ "Being sold for $20.00.");

}

if(e.getSource()==addToCartButton1)

{

try {

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

PreparedStatement Pstatement=connection.prepareStatement("INSERT INTO"

+ " userCart"

+ " VALUES ('Minecraft', 'Pc', 1, 20.00)");

Pstatement.executeUpdate();

JOptionPane.showMessageDialog(null,"Item Added To Cart!");

} catch (SQLException e1) {

e1.printStackTrace();

}

}

if(e.getSource()==removeFromCartButton1)

{

try {

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

PreparedStatement Pstatement=connection.prepareStatement("DELETE FROM"

+ " userCart"

+ " WHERE itemName = 'Minecraft' AND itemPlatform = 'Pc'");

Pstatement.executeUpdate();

JOptionPane.showMessageDialog(null,"Item Removed From Cart!");

} catch (SQLException e1) {

e1.printStackTrace();

}

}

//Coding Part of pcItemButton2

if (e.getSource() == pcItemButton2) {

JOptionPane.showMessageDialog(null,"Overwatch\n"

+ "Open map role playing first person shooter game.\n"

+ "Is multiplayer, and is cross platform compatable.\n"

+ "Can be played on Playstation, Xbox, and Pc.\n"

+ "Being sold for $20.00.");

}

if(e.getSource()==addToCartButton2)

{

try {

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

PreparedStatement Pstatement=connection.prepareStatement("INSERT INTO"

+ " userCart"

+ " VALUES ('Overwatch', 'Pc', 1, 20.00)");

Pstatement.executeUpdate();

JOptionPane.showMessageDialog(null,"Item Added To Cart!");

} catch (SQLException e1) {

e1.printStackTrace();

}

}

if(e.getSource()==removeFromCartButton2)

{

try {

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

PreparedStatement Pstatement=connection.prepareStatement("DELETE FROM"

+ " userCart"

+ " WHERE itemName = 'Overwatch' AND itemPlatform = 'Pc'");

Pstatement.executeUpdate();

JOptionPane.showMessageDialog(null,"Item Removed From Cart!");

} catch (SQLException e1) {

e1.printStackTrace();

}

}

//Coding Part of pcItemButton3

if (e.getSource() == pcItemButton3) {

JOptionPane.showMessageDialog(null,"Fortnite\n"

+ "Open world role playing first person shooter game.\n"

+ "Is multiplayer, and is cross platform compatable.\n"

+ "Can be played on Playstation, Xbox, and Pc.\n"

+ "Being sold for $20.00.");

}

if(e.getSource()==addToCartButton3)

{

try {

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

PreparedStatement Pstatement=connection.prepareStatement("INSERT INTO"

+ " userCart"

+ " VALUES ('Fortnite', 'Pc', 1, 20.00)");

Pstatement.executeUpdate();

JOptionPane.showMessageDialog(null,"Item Added To Cart!");

} catch (SQLException e1) {

e1.printStackTrace();

}

}

if(e.getSource()==removeFromCartButton3)

{

try {

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

PreparedStatement Pstatement=connection.prepareStatement("DELETE FROM"

+ " userCart"

+ " WHERE itemName = 'Fortnite' AND itemPlatform = 'Pc'");

Pstatement.executeUpdate();

JOptionPane.showMessageDialog(null,"Item Removed From Cart!");

} catch (SQLException e1) {

e1.printStackTrace();

}

}

//Coding Part of pcItemButton4

if (e.getSource() == pcItemButton4) {

JOptionPane.showMessageDialog(null,"GTA 5\n"

+ "Role playing first person shooter game.\n"

+ "Is multiplayer, and is cross platform compatable.\n"

+ "Can be played on Playstation, Xbox, and Pc.\n"

+ "Being sold for $20.00.");

}

if(e.getSource()==addToCartButton4)

{

try {

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

PreparedStatement Pstatement=connection.prepareStatement("INSERT INTO"

+ " userCart"

+ " VALUES ('GTA 5', 'Pc', 1, 20.00)");

Pstatement.executeUpdate();

JOptionPane.showMessageDialog(null,"Item Added To Cart!");

} catch (SQLException e1) {

e1.printStackTrace();

}

}

if(e.getSource()==removeFromCartButton4)

{

try {

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

PreparedStatement Pstatement=connection.prepareStatement("DELETE FROM"

+ " userCart"

+ " WHERE itemName = 'GTA 5' AND itemPlatform = 'Pc'");

Pstatement.executeUpdate();

JOptionPane.showMessageDialog(null,"Item Removed From Cart!");

} catch (SQLException e1) {

e1.printStackTrace();

}

}

//Coding Part of pcItemButton5

if (e.getSource() == pcItemButton5) {

JOptionPane.showMessageDialog(null,"Sea of Thieves\n"

+ "Open world role playing game.\n"

+ "Is multiplayer, but not cross platform compatable.\n"

+ "Can be played on Playstation, Pc, and Xbox.\n"

+ "Being sold for $20.00.");

}

if(e.getSource()==addToCartButton5)

{

try {

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

PreparedStatement Pstatement=connection.prepareStatement("INSERT INTO"

+ " userCart"

+ " VALUES ('Sea of Thieves', 'Pc', 1, 20.00)");

Pstatement.executeUpdate();

JOptionPane.showMessageDialog(null,"Item Added To Cart!");

} catch (SQLException e1) {

e1.printStackTrace();

}

}

if(e.getSource()==removeFromCartButton5)

{

try {

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

PreparedStatement Pstatement=connection.prepareStatement("DELETE FROM"

+ " userCart"

+ " WHERE itemName = 'Sea of Thieves' AND itemPlatform = 'Pc'");

Pstatement.executeUpdate();

JOptionPane.showMessageDialog(null,"Item Removed From Cart!");

} catch (SQLException e1) {

e1.printStackTrace();

}

}

//Coding Part of pcItemButton6

if (e.getSource() == pcItemButton6) {

JOptionPane.showMessageDialog(null,"Left 4 Dead 4\n"

+ "Role playing first person fighter game.\n"

+ "Is multiplayer, and is cross platform compatable.\n"

+ "Can be played on Playstation, Xbox, and Pc.\n"

+ "Being sold for $20.00.");

}

if(e.getSource()==addToCartButton6)

{

try {

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

PreparedStatement Pstatement=connection.prepareStatement("INSERT INTO"

+ " userCart"

+ " VALUES ('Left 4 Dead 4', 'Pc', 1, 20.00)");

Pstatement.executeUpdate();

JOptionPane.showMessageDialog(null,"Item Added To Cart!");

} catch (SQLException e1) {

e1.printStackTrace();

}

}

if(e.getSource()==removeFromCartButton6)

{

try {

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

PreparedStatement Pstatement=connection.prepareStatement("DELETE FROM"

+ " userCart"

+ " WHERE itemName = 'Left 4 Dead 4' AND itemPlatform = 'Pc'");

Pstatement.executeUpdate();

JOptionPane.showMessageDialog(null,"Item Removed From Cart!");

} catch (SQLException e1) {

e1.printStackTrace();

}

}

//Coding Part of pcItemButton7

if (e.getSource() == pcItemButton7) {

JOptionPane.showMessageDialog(null,"FALLOUT 4\n"

+ "Open world role playing first person shooter game.\n"

+ "Is not multiplayer.\n"

+ "Can be played on Playstation, Pc, and Xbox.\n"

+ "Being sold for $20.00.");

}

if(e.getSource()==addToCartButton7)

{

try {

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

PreparedStatement Pstatement=connection.prepareStatement("INSERT INTO"

+ " userCart"

+ " VALUES ('FALLOUT 4', 'Pc', 1, 20.00)");

Pstatement.executeUpdate();

JOptionPane.showMessageDialog(null,"Item Added To Cart!");

} catch (SQLException e1) {

e1.printStackTrace();

}

}

if(e.getSource()==removeFromCartButton7)

{

try {

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

PreparedStatement Pstatement=connection.prepareStatement("DELETE FROM"

+ " userCart"

+ " WHERE itemName = 'FALLOUT 4' AND itemPlatform = 'Pc'");

Pstatement.executeUpdate();

JOptionPane.showMessageDialog(null,"Item Removed From Cart!");

} catch (SQLException e1) {

e1.printStackTrace();

}

}

//Coding Part of pcItemButton8

if (e.getSource() == pcItemButton8) {

JOptionPane.showMessageDialog(null,"FALLOUT 76\n"

+ "Open world role playing first person shooter game.\n"

+ "Is not multiplayer.\n"

+ "Can be played on Playstation, Pc, and Xbox.\n"

+ "Being sold for $20.00.");

}

if(e.getSource()==addToCartButton8)

{

try {

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

PreparedStatement Pstatement=connection.prepareStatement("INSERT INTO"

+ " userCart"

+ " VALUES ('FALLOUT 76', 'Pc', 1, 20.00)");

Pstatement.executeUpdate();

JOptionPane.showMessageDialog(null,"Item Added To Cart!");

} catch (SQLException e1) {

e1.printStackTrace();

}

}

if(e.getSource()==removeFromCartButton8)

{

try {

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

PreparedStatement Pstatement=connection.prepareStatement("DELETE FROM"

+ " userCart"

+ " WHERE itemName = 'FALLOUT 76' AND itemPlatform = 'Pc'");

Pstatement.executeUpdate();

JOptionPane.showMessageDialog(null,"Item Removed From Cart!");

} catch (SQLException e1) {

e1.printStackTrace();

}

}

//Coding Part of pcItemButton9

if (e.getSource() == pcItemButton9) {

JOptionPane.showMessageDialog(null,"Doom\n"

+ "Role playing first person fighter game.\n"

+ "Is not multiplayer.\n"

+ "Can be played on Switch, Pc, and Xbox.\n"

+ "Being sold for $20.00.");

}

if(e.getSource()==addToCartButton9)

{

try {

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

PreparedStatement Pstatement=connection.prepareStatement("INSERT INTO"

+ " userCart"

+ " VALUES ('Doom', 'Pc', 1, 20.00)");

Pstatement.executeUpdate();

JOptionPane.showMessageDialog(null,"Item Added To Cart!");

} catch (SQLException e1) {

e1.printStackTrace();

}

}

if(e.getSource()==removeFromCartButton9)

{

try {

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

PreparedStatement Pstatement=connection.prepareStatement("DELETE FROM"

+ " userCart"

+ " WHERE itemName = 'Doom' AND itemPlatform = 'Pc'");

Pstatement.executeUpdate();

JOptionPane.showMessageDialog(null,"Item Removed From Cart!");

} catch (SQLException e1) {

e1.printStackTrace();

}

}

//Coding Part of pcItemButton10

if (e.getSource() == pcItemButton10) {

JOptionPane.showMessageDialog(null,"RDR2\n"

+ "Open world role playing first person shooter game.\n"

+ "Is not multiplayer, but not cross platform compatable.\n"

+ "Can be played on Playstation, Pc, and Xbox.\n"

+ "Being sold for $20.00.");

}

if(e.getSource()==addToCartButton10)

{

try {

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

PreparedStatement Pstatement=connection.prepareStatement("INSERT INTO"

+ " userCart"

+ " VALUES ('RDR2', 'Pc', 1, 20.00)");

Pstatement.executeUpdate();

JOptionPane.showMessageDialog(null,"Item Added To Cart!");

} catch (SQLException e1) {

e1.printStackTrace();

}

}

if(e.getSource()==removeFromCartButton10)

{

try {

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

PreparedStatement Pstatement=connection.prepareStatement("DELETE FROM"

+ " userCart"

+ " WHERE itemName = 'RDR2' AND itemPlatform = 'Pc'");

Pstatement.executeUpdate();

JOptionPane.showMessageDialog(null,"Item Removed From Cart!");

} catch (SQLException e1) {

e1.printStackTrace();

}

}

}

}