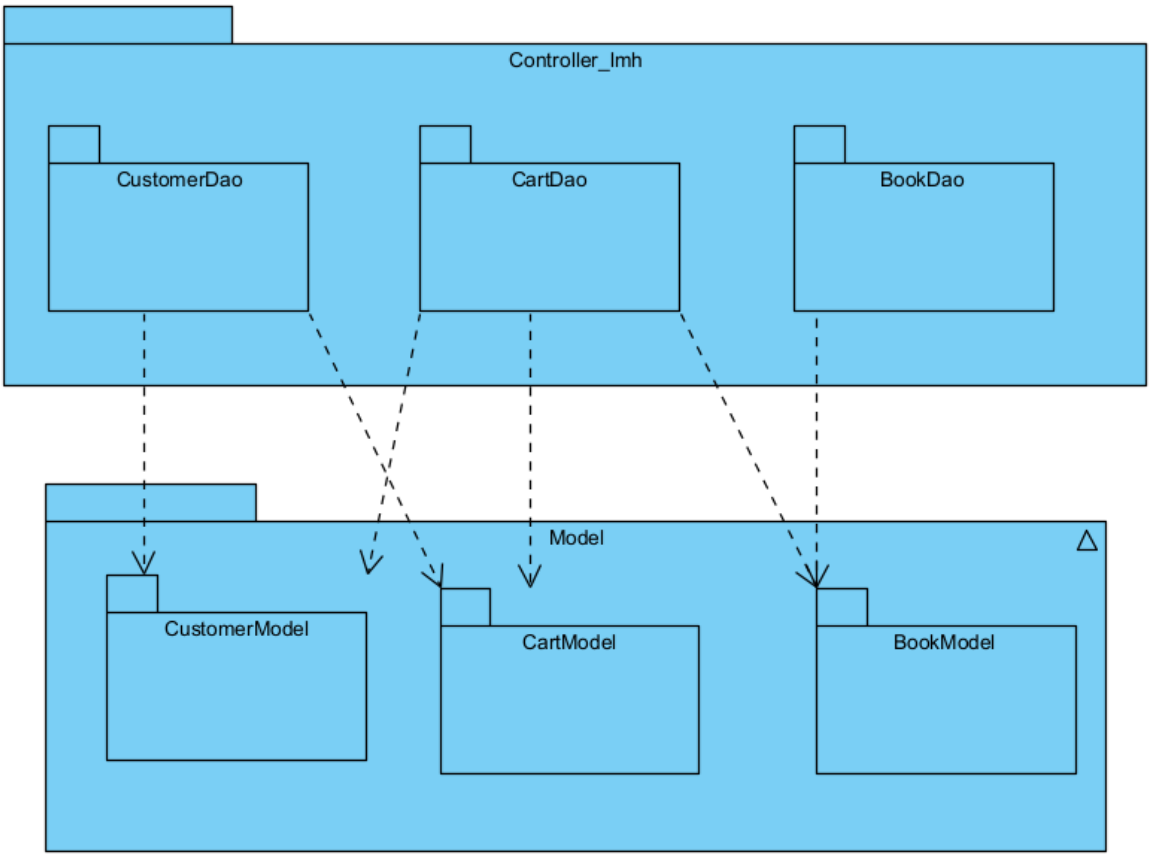
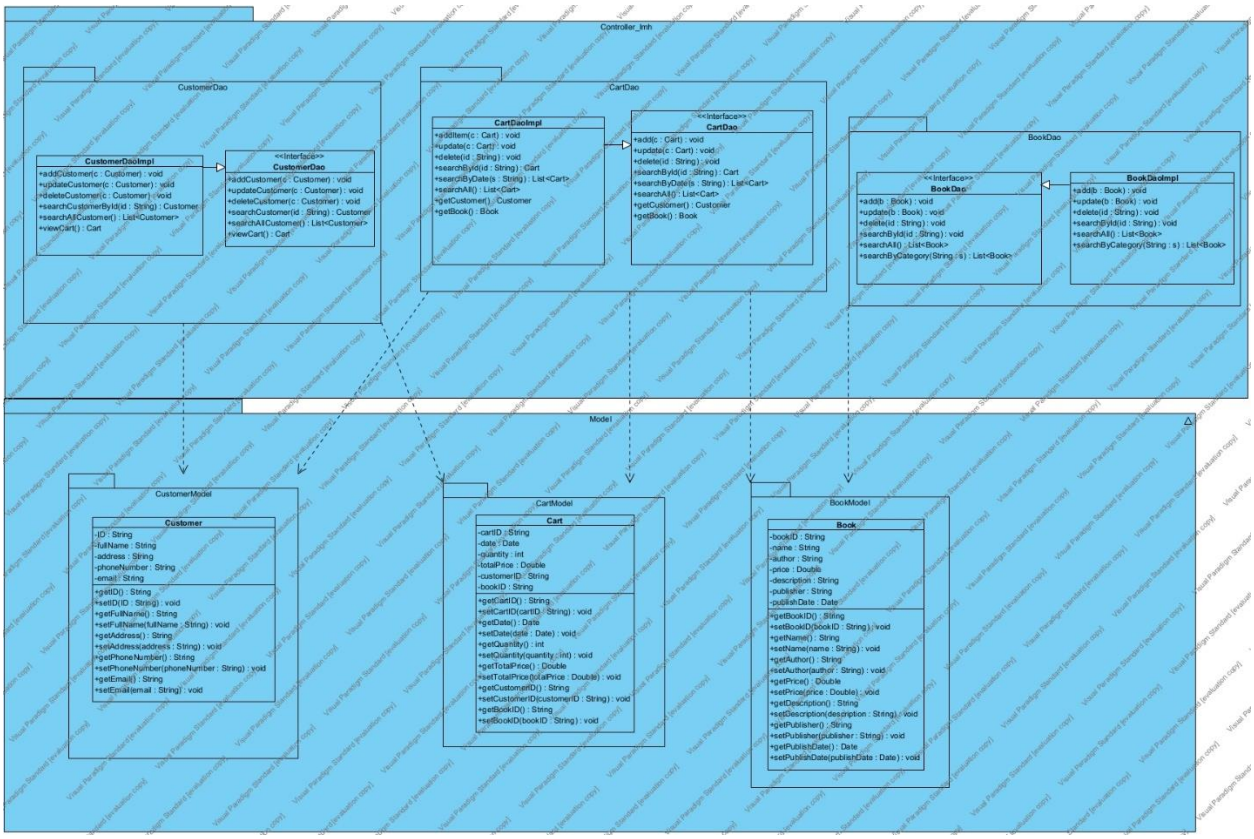
Lương Mạnh Hòa – B21DCCN378

Nhóm 1

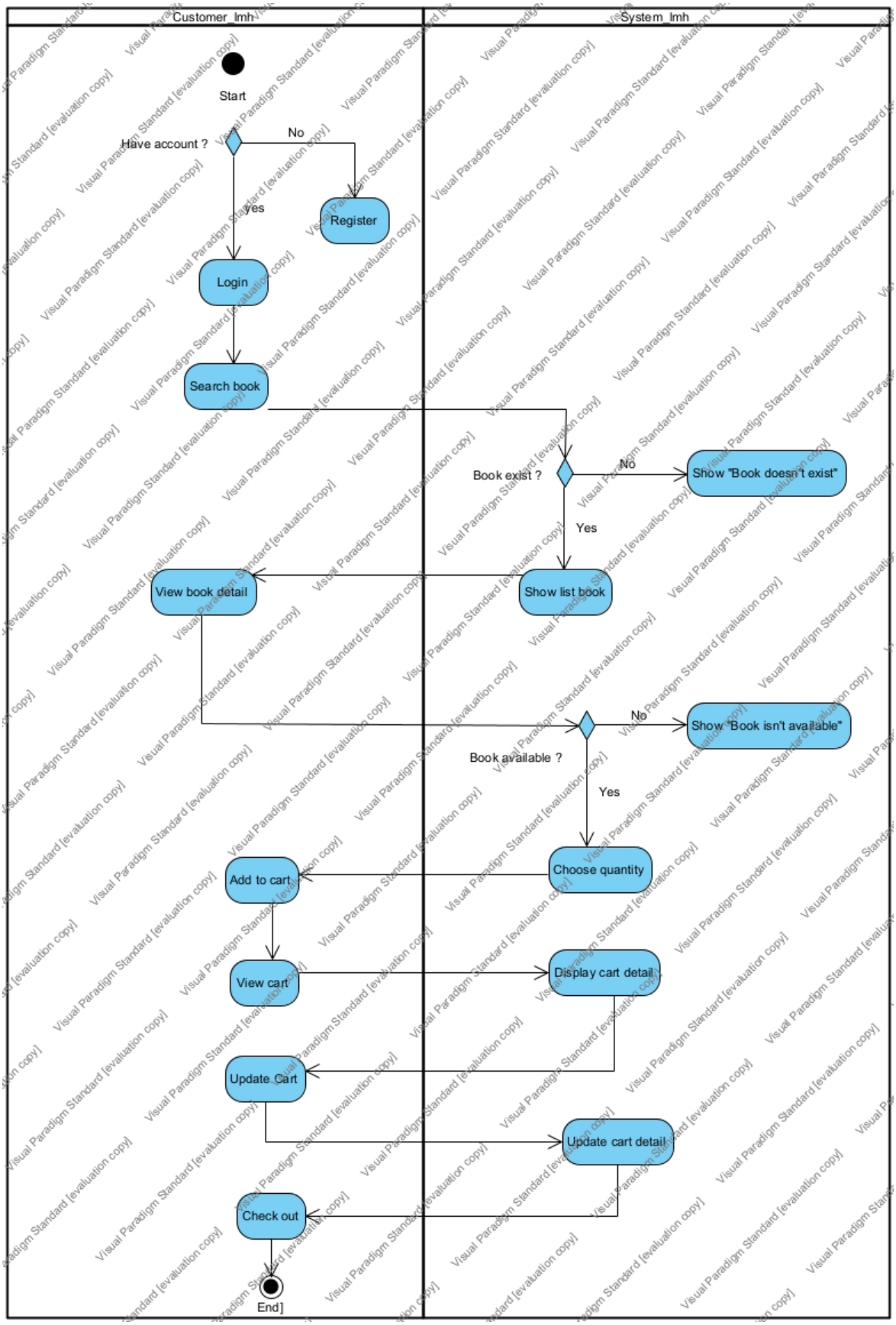
1. Overall



2. Detail Design

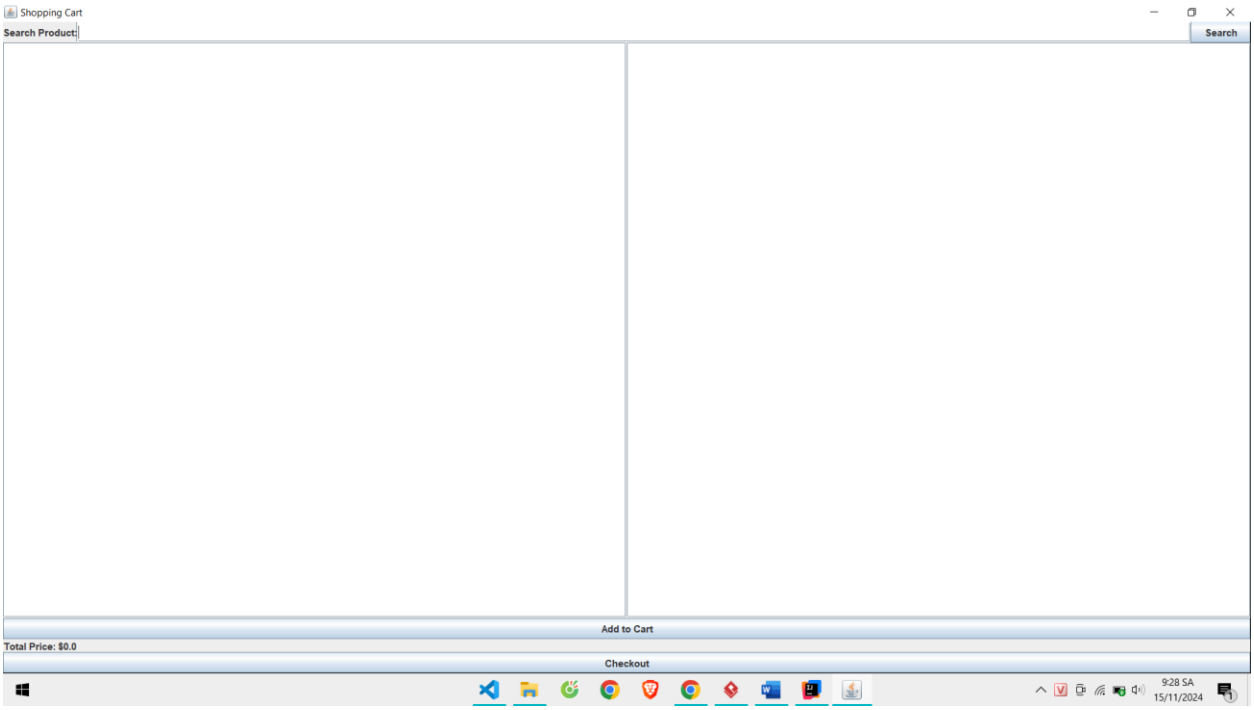


3. Activity Diagram

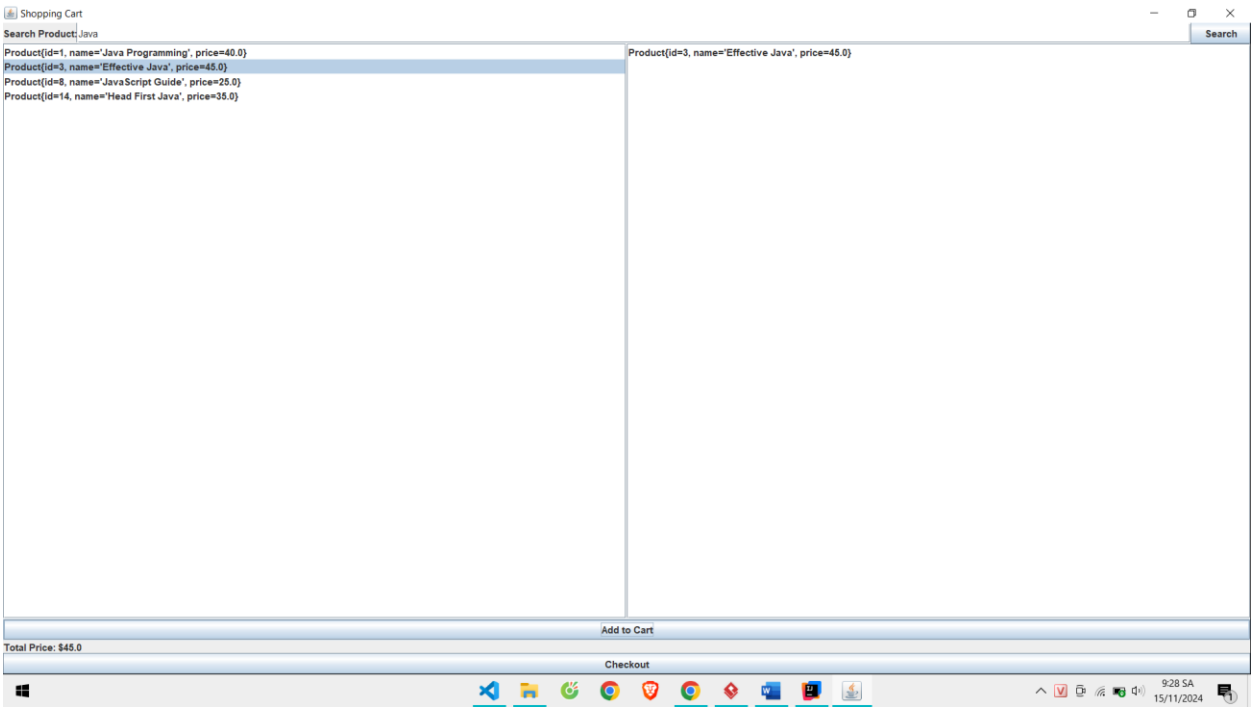

Customer_lmh
System_lmh
Start
Have account ?
No
yes
Register
Login
Search book
Book exist ?
No
Show "Book doesn't exist"
Yes
View book detail
Show list book
No
Show "Book isn't available"
Book available ?
Yes
Add to cart
Choose quantity
View cart
Display cart detail
Update Cart
Update cart detail
Check out
End]

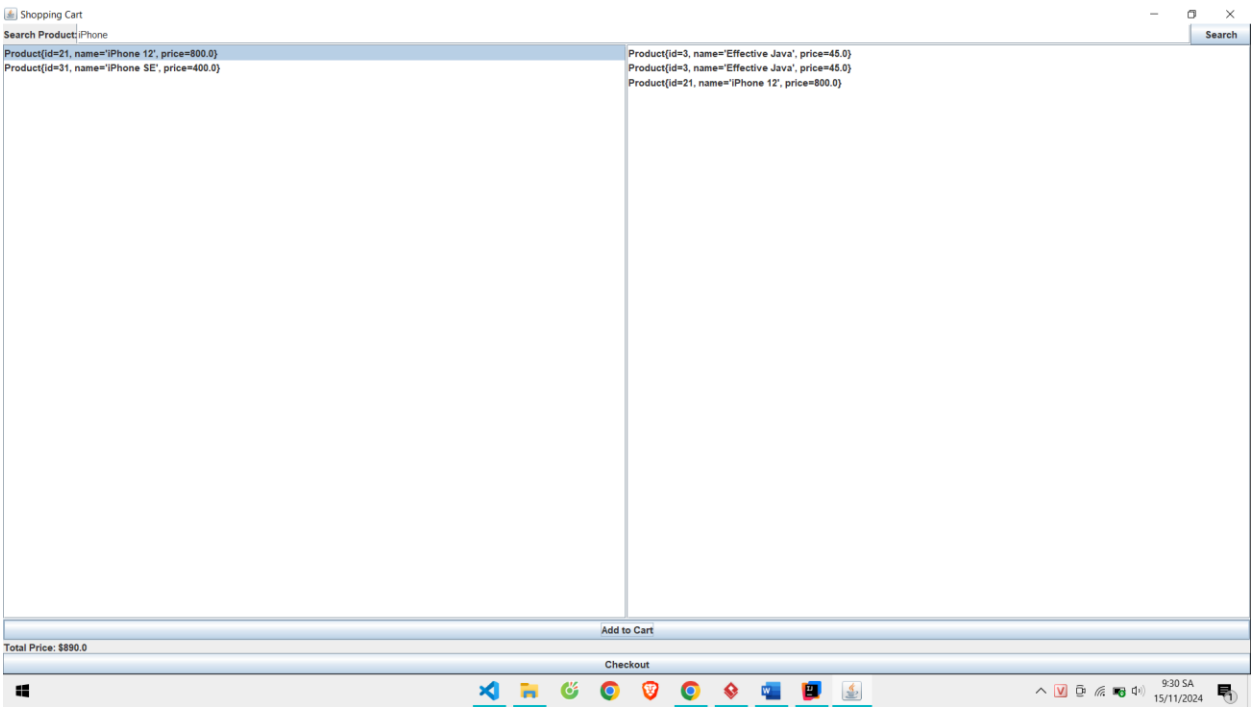
4. Code:

Giao diện:

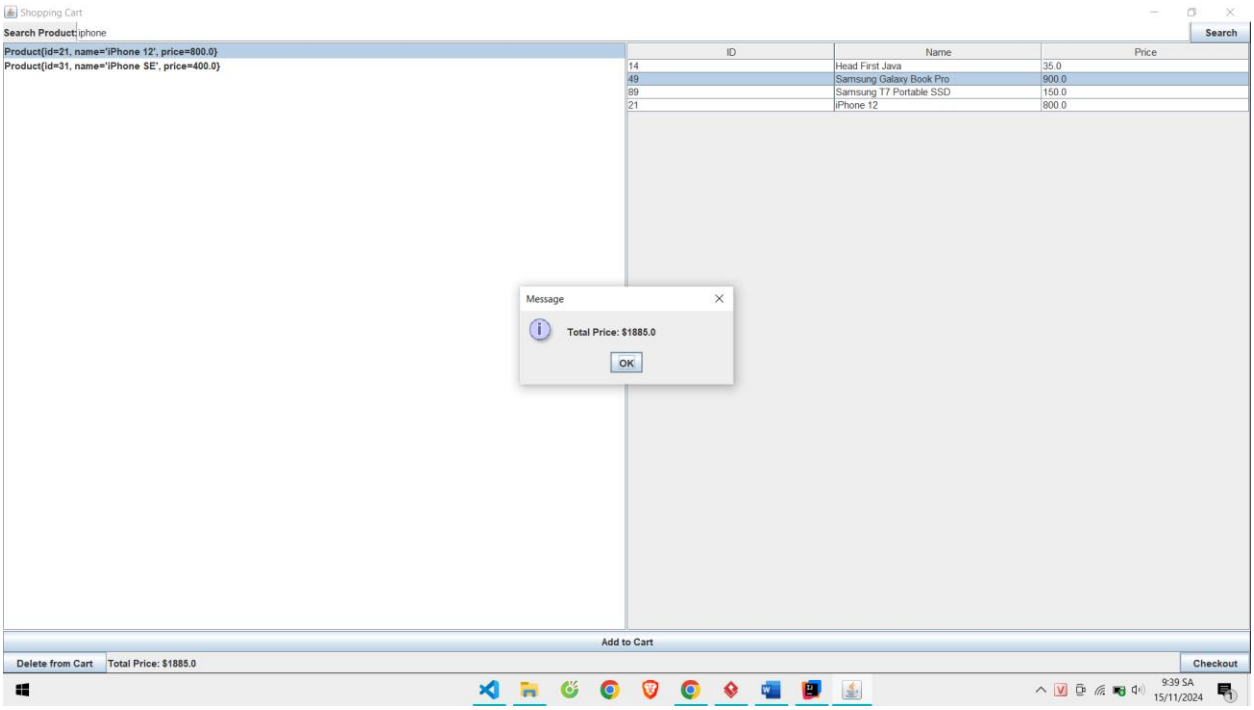


Thêm vào giỏ hàng



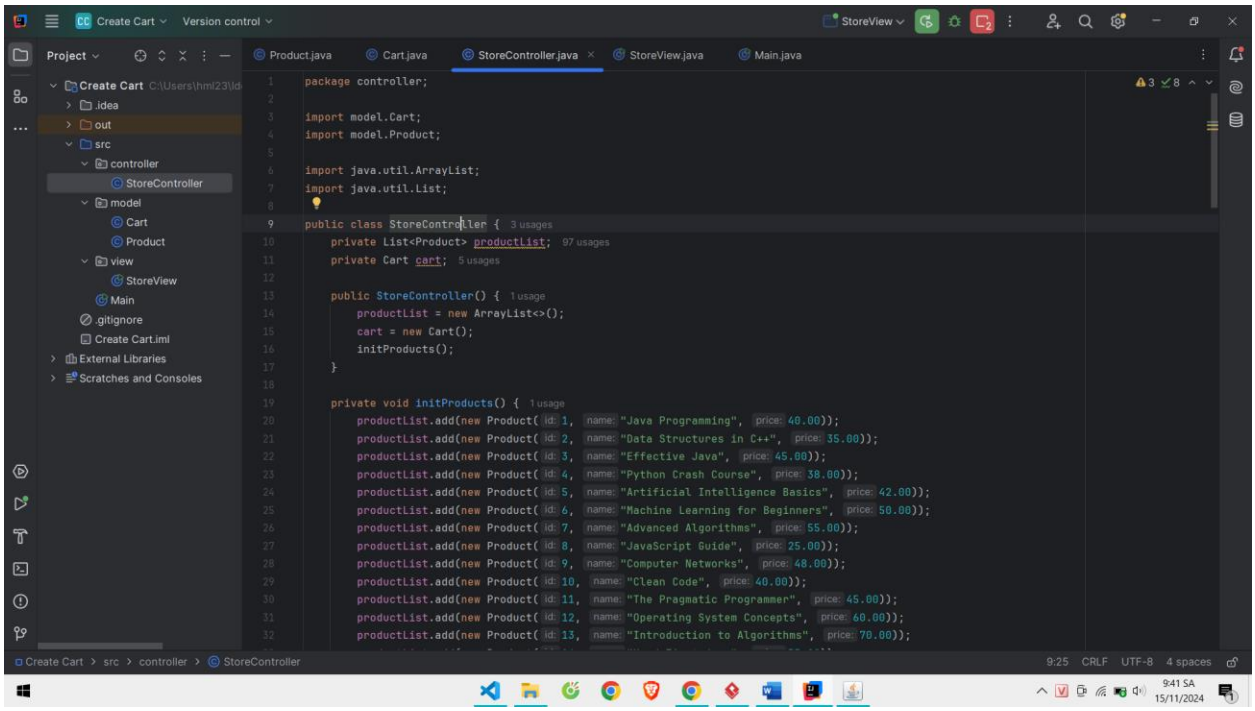


Check out

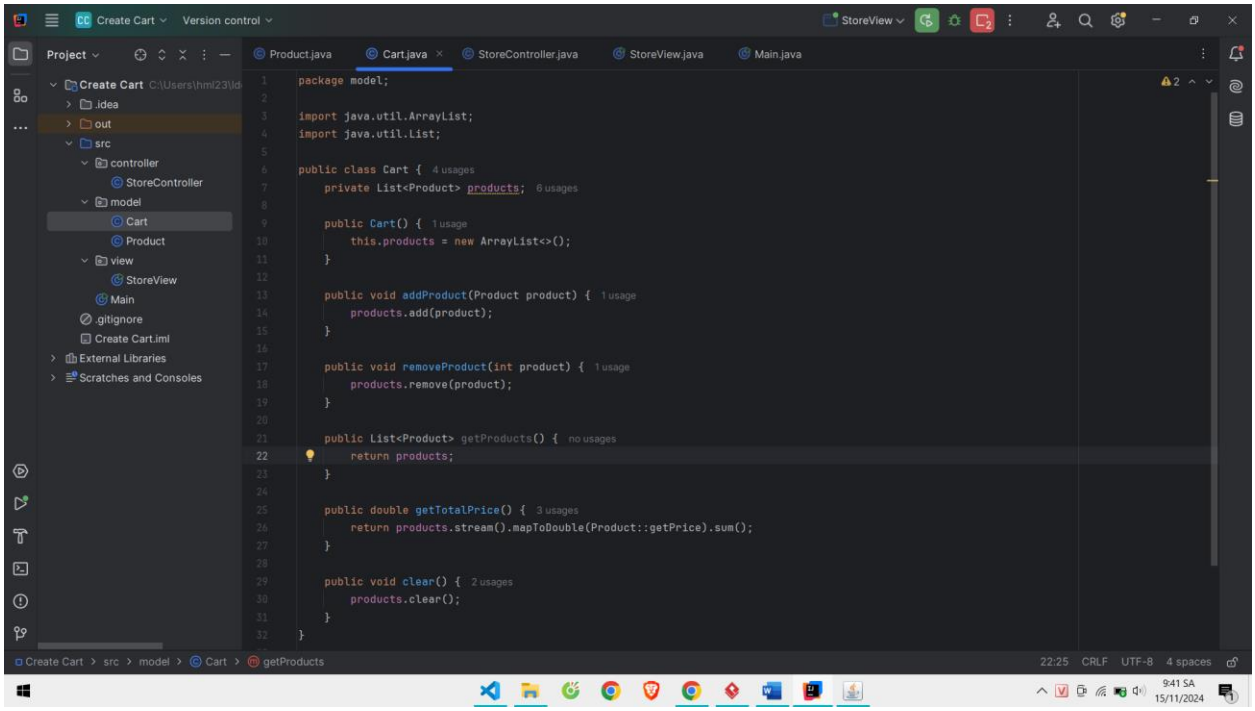


Code của bài:

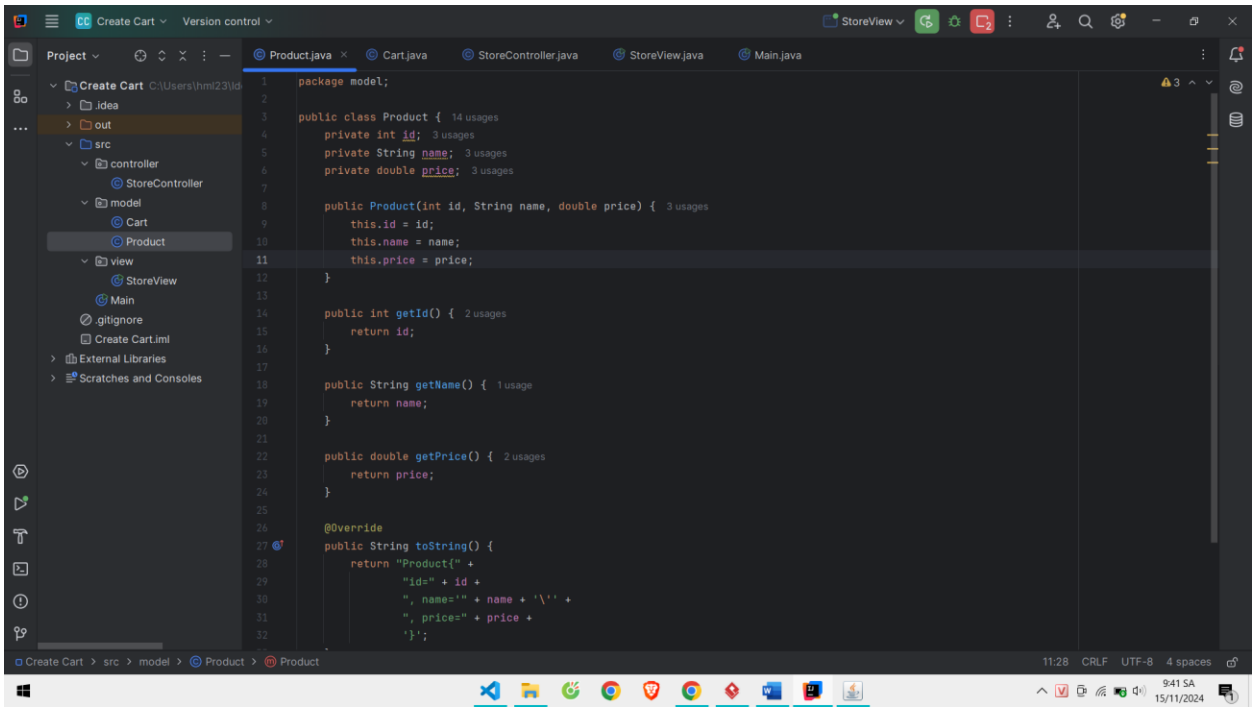
a. StoreController



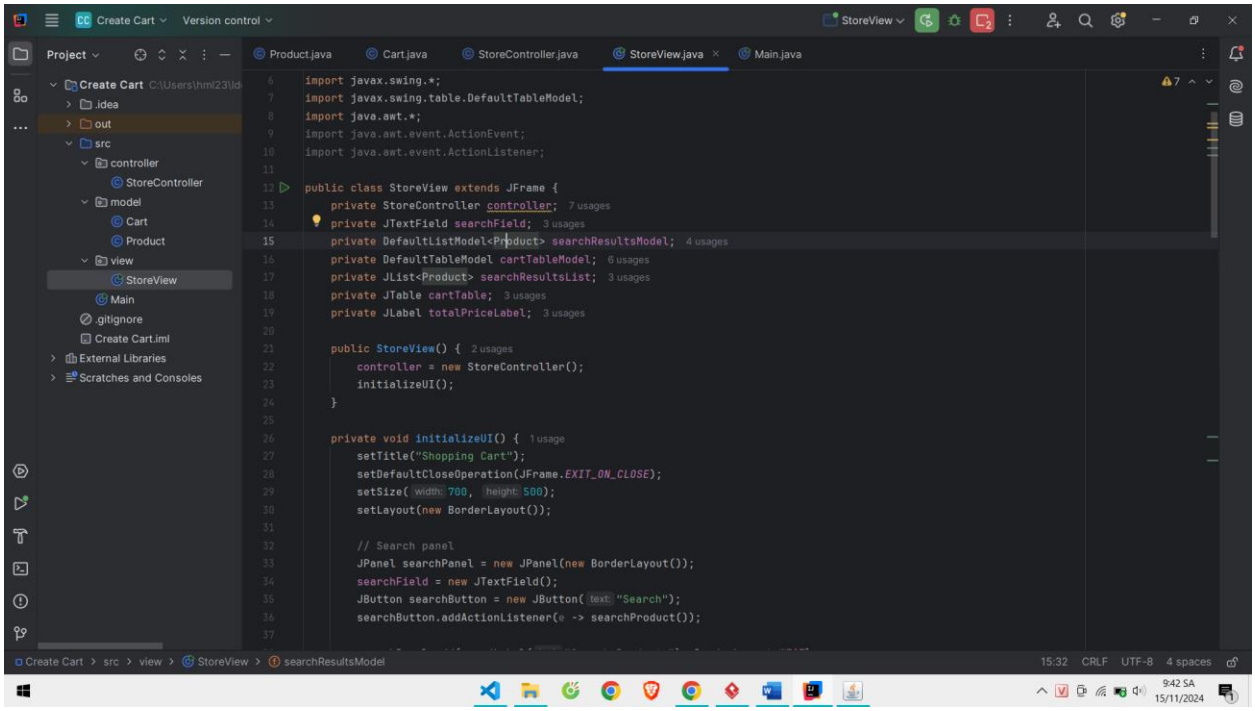
b. Cart



c. Product


Create Cart
Version control
StoreView
Project
Product.java
Cart.java
StoreController.java
StoreView.java
Main.java
Create Cart C:\Users\hml23\Id
.idea
out
src
controller
StoreController
model
Cart
Product
view
StoreView
Main
.gitignore
Create Cart.iml
External Libraries
Scratches and Consoles
package model;
public class Product { 14 usages
private int id; 3 usages
private String name; 3 usages
private double price; 3 usages
public Product(int id, String name, double price) { 3 usages
this.id = id;
this.name = name;
this.price = price;
}
public int getId() { 2 usages
return id;
}
public String getName() { 1 usage
return name;
}
public double getPrice() { 2 usages
return price;
}
@Override
public String toString() {
return "Product{" +
"id=" + id +
", name='" + name + '\'' +
", price=" + price +
'}';
Create Cart › src › model › Product › Product
11:28 CRLF UTF-8 4 spaces
9:41 SA
15/11/2024

d. StoreView


Create Cart
Version control
StoreView
Project
Product.java
Cart.java
StoreController.java
StoreView.java
Main.java
Create Cart C:\Users\hml23\Id
.idea
out
src
controller
StoreController
model
Cart
Product
view
StoreView
Main
.gitignore
Create Cart.iml
External Libraries
Scratches and Consoles
import javax.swing.*;
import javax.swing.table.DefaultTableModel;
import java.awt.*;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
public class StoreView extends JFrame {
private StoreController controller; 7 usages
private JTextField searchField; 3 usages
private DefaultListModel<Product> searchResultsModel; 4 usages
private DefaultTableModel cartTableModel; 6 usages
private JList<Product> searchResultsList; 3 usages
private JTable cartTable; 3 usages
private JLabel totalPriceLabel; 3 usages
public StoreView() { 2 usages
controller = new StoreController();
initializeUI();
}
private void initializeUI() { 1 usage
setTitle("Shopping Cart");
setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
setSize(width: 700, height: 500);
setLayout(new BorderLayout());
// Search panel
JPanel searchPanel = new JPanel(new BorderLayout());
searchField = new JTextField();
JButton searchButton = new JButton(text: "Search");
searchButton.addActionListener(e -> searchProduct());
Create Cart › src › view › StoreView › searchResultsModel
15:32 CRLF UTF-8 4 spaces
9:42 SA
15/11/2024