

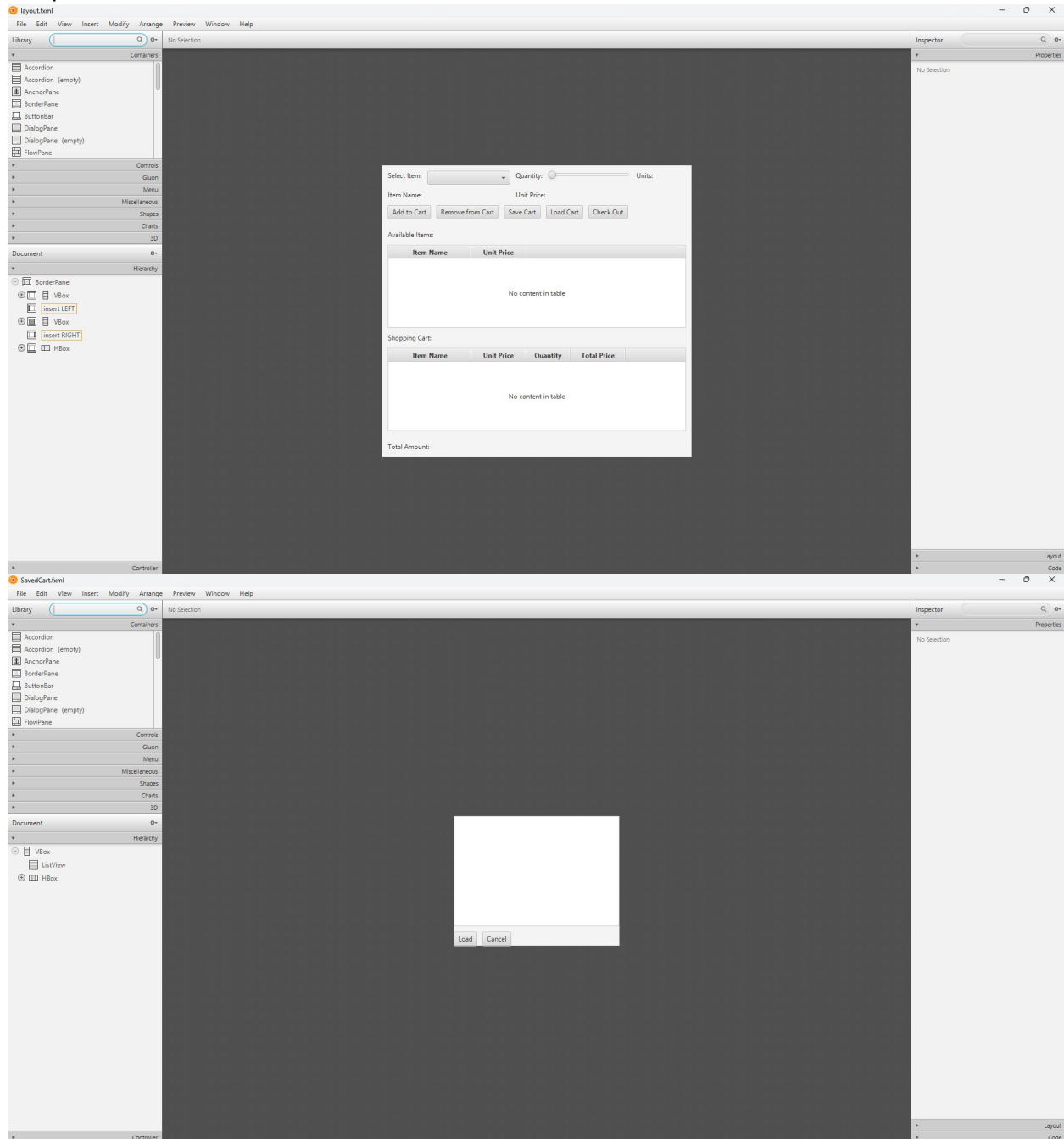
Application Development(APD545NDD.12037.2251)

Full Name: Radmehr Behzadfar

Id: 148786221

Seneca email: rbehzadfar@myseneca.ca

Output:





Grocery Cart Application



Select Item:

Quantity:

Units: 1

Item Name:

Unit Price:

Add to Cart

Remove from Cart

Save Cart

Load Cart

Check Out

Available Items:

Item Name	Unit Price	
Apple	1.5	
Banana	0.75	
Bread	2.25	
Milk	3.0	
Eggs	4.0	

Shopping Cart:

Item Name	Unit Price	Quantity	Total Price	
No content in table				

Total Amount: 0.00



Grocery Cart Application



Select Item:

Banana



Quantity:

Units: 10

Item Name: Banana

Unit Price: 0.75

Add to Cart

Remove from Cart

Save Cart

Load Cart

Check Out

Available Items:

Item Name	Unit Price	
Rice	5.0	
Milk	3.0	
Eggs	4.0	
Chicken	8.5	
Bread	2.25	

Shopping Cart:

Item Name	Unit Price	Quantity	Total Price	
Apple	1.5	5	7.5	
Apple	1.5	5	7.5	
Eggs	4.0	2	8.0	
Banana	0.75	10	7.5	

Total Amount: 30.50

Grocery Cart Application

Select Item:

Banana

Quantity:

Units: 10

Item Name: Banana

Unit Price: 0.75

Add to Cart

Remove from Cart

Save Cart

Load Cart

Check Out

Available Items:

Item Name	Unit Price
Rice	
Milk	
Eggs	
Chicken	
Bread	2.25

Shopping Cart:

Item Name	Unit Price	Quantity	Total Price
Apple	1.5	5	7.5
Apple	1.5	5	7.5
Eggs	4.0	2	8.0
Banana	0.75	10	7.5

Total Amount: 30.50

Message

Message

Cart saved.

OK

Grocery Cart Application

Select Item:

Banana

Quantity:

Units: 10

Item Name: Banana

Unit Price: 0.75

Add to Cart

Remove from Cart

Save Cart

Load Cart

Check Out

Available Items:

Item Name	Unit Price
Rice	
Milk	
Eggs	
Chicken	
Bread	2.25

Confirmation

Confirmation

Are you done with your groceries?

OK

Cancel

Shopping Cart:

Item Name	Unit Price	Quantity	Total Price
Apple	1.5	5	7.5
Apple	1.5	5	7.5
Eggs	4.0	2	8.0
Banana	0.75	10	7.5

Total Amount: 30.50



Grocery Cart Application



Select Item:

Banana



Quantity:

Units: 10

Item Name: Banana

Unit Price: 0.75

Add to Cart

Remove from Cart

Save Cart

Load Cart

Check Out

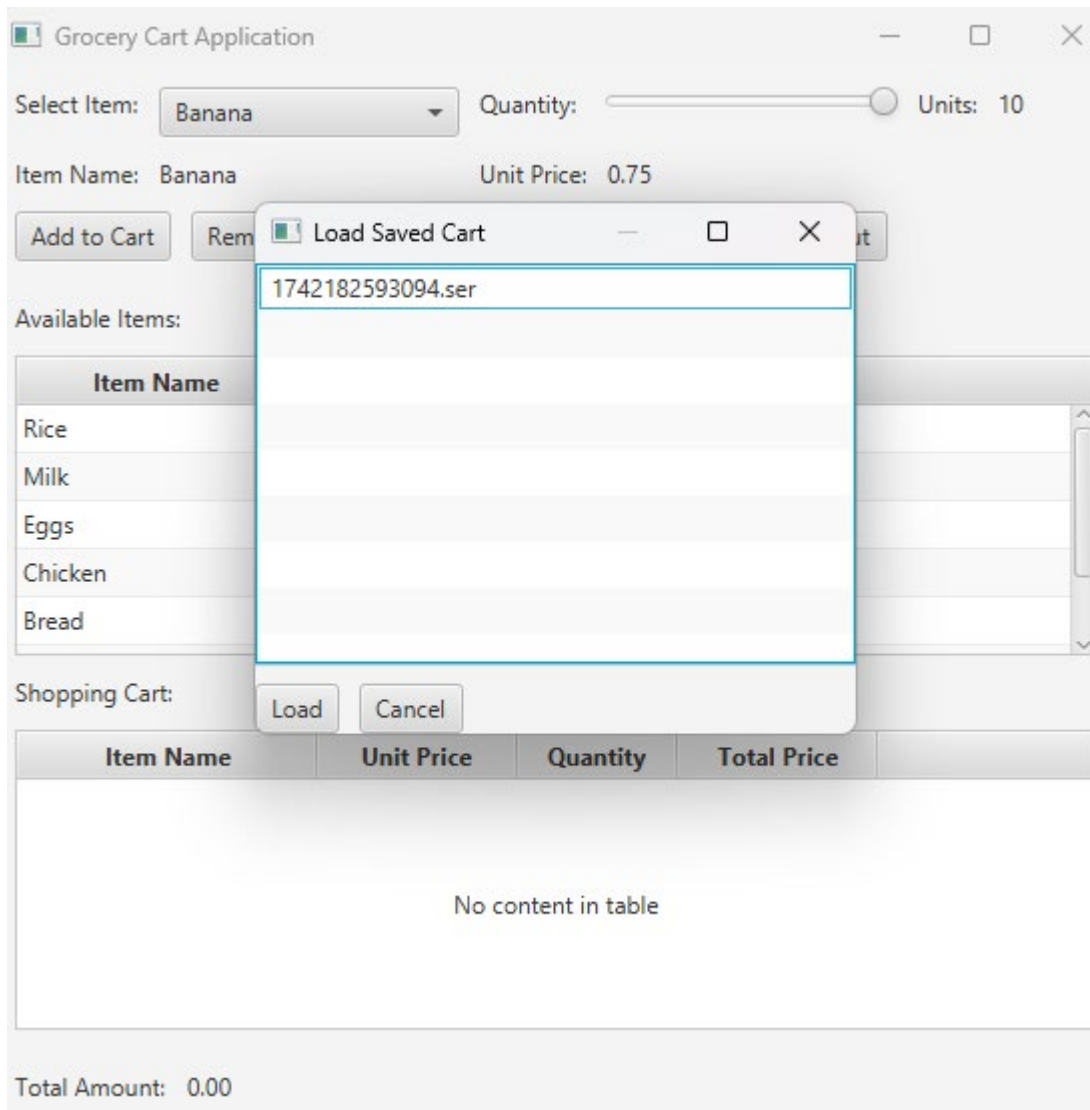
Available Items:

Item Name	Unit Price	
Rice	5.0	
Milk	3.0	
Eggs	4.0	
Chicken	8.5	
Bread	2.25	

Shopping Cart:

Item Name	Unit Price	Quantity	Total Price	
No content in table				

Total Amount: 0.00



Code:

-- Cart.java:

```

/*****

```

Workshop #05

Course: APD545 - Winter

Last Name: BEHZADFAR

First Name: RADMEHR

ID: 148786221

Section:NDD

This assignment represents my own work in accordance with Seneca Academic Policy.

Signature: RadmehrBehzadfar

Date:2025-03-16

*****/

```
package grocerystore;
```

```
import javafx.application.Application;
```

```
import javafx.beans.binding.Bindings;
```

```
import javafx.beans.binding.DoubleBinding;
```

```
import javafx.collections.FXCollections;
```

```
import javafx.collections.ObservableList;
```

```
import javafx.fxml.FXML;
```

```
import javafx.fxml.FXMLLoader;
```

```
import javafx.scene.Scene;
```



```
import javafx.scene.control.Alert;

import javafx.scene.control.Button;

import javafx.scene.control.ButtonType;

import javafx.scene.control.ComboBox;

import javafx.scene.control.Label;

import javafx.scene.control.Slider;

import javafx.scene.control.TableColumn;

import javafx.scene.control.TableView;

import javafx.scene.Parent;

import javafx.stage.Modality;

import javafx.stage.Stage;

import java.io.IOException;

import java.util.List;

public class Cart extends Application {

    @FXML private ComboBox<Item> itemsComboBox;

    @FXML private Slider quantitySlider;

    @FXML private Label purchaseUnitsLabel;
```

@FXML private Label unitValueLabel;

@FXML private Label unitPriceValueLabel;

@FXML private TableView<Item> itemsTableView;

@FXML private TableColumn<Item, String> itemNameColumn;

@FXML private TableColumn<Item, Number> unitPriceColumn;

@FXML private TableView<ItemInCart> cartTableView;

@FXML private TableColumn<ItemInCart, String> cartItemNameColumn;

@FXML private TableColumn<ItemInCart, Number> cartUnitPriceColumn;

@FXML private TableColumn<ItemInCart, Number> cartQuantityColumn;

@FXML private TableColumn<ItemInCart, Number> cartTotalPriceColumn;

@FXML private Button addButton;

@FXML private Button removeButton;

@FXML private Button saveCartButton;

@FXML private Button loadCartButton;

@FXML private Button checkOutButton;

@FXML private Label totalValueLabel;

private Model model;

```
private ObservableList<ItemInCart> cartObservableList =  
FXCollections.observableArrayList();
```

```
@Override
```

```
public void start(Stage primaryStage) throws IOException {
```

```
    FXMLLoader loader = new FXMLLoader(getClass().getResource("/layout.fxml"));
```

```
    primaryStage.setTitle("Grocery Cart Application");
```

```
    primaryStage.setScene(new Scene(loader.load()));
```

```
    primaryStage.show();
```

```
}
```

```
@FXML
```

```
private void initialize() {
```

```
    model = new Model();
```

```
    String csvPath = getClass().getResource("/ItemsMaster.csv").getPath();
```

```
    model.loadData(csvPath);
```

```
    setupAction();
```

```
}
```

```
public void setupAction() {
```

```
    itemsComboBox.setItems(model.getItemsObservableList());
```

```
itemsComboBox.getSelectionModel().clearSelection();
```

```
purchaseUnitsLabel.textProperty().bind(Bindings.format("%.0f",  
quantitySlider.valueProperty()));
```

```
unitValueLabel.textProperty().bind(Bindings.createStringBinding(() -> {
```

```
    Item selectedItem = itemsComboBox.getValue();
```

```
    return selectedItem != null ? selectedItem.getName() : "";
```

```
}, itemsComboBox.valueProperty()));
```

```
unitPriceValueLabel.textProperty().bind(Bindings.createStringBinding(() -> {
```

```
    Item selectedItem = itemsComboBox.getValue();
```

```
    return selectedItem != null ? String.format("%.2f", selectedItem.getUnitPrice()) : "";
```

```
}, itemsComboBox.valueProperty()));
```

```
itemNameColumn.setCellValueFactory(cellData ->  
cellData.getValue().nameProperty());
```

```
unitPriceColumn.setCellValueFactory(cellData ->  
cellData.getValue().unitPriceProperty());
```

```
itemsTableView.setItems(model.getItemsObservableList());
```

```
cartTableView.setItems(cartObservableList);
```

```
cartItemNameColumn.setCellValueFactory(data ->  
data.getValue().itemNameProperty());
```

```

cartUnitPriceColumn.setCellValueFactory(data -> data.getValue().unitPriceProperty());

cartQuantityColumn.setCellValueFactory(data -> data.getValue().quantityProperty());

cartTotalPriceColumn.setCellValueFactory(data ->
data.getValue().totalPriceProperty());

addButton.setOnAction(event -> {

    Item selectedItem = itemsComboBox.getSelectionModel().getSelectedItem();

    if (selectedItem != null) {

        int quantity = (int) quantitySlider.getValue();

        ItemInCart itemInCart = new ItemInCart(selectedItem.getName(),
selectedItem.getUnitPrice(), quantity);

        cartObservableList.add(itemInCart);

    }

});

DoubleBinding totalBinding = Bindings.createDoubleBinding(() ->

    cartObservableList.stream().mapToDouble(ItemInCart::getTotalPrice).sum(),

    cartObservableList

);

totalValueLabel.textProperty().bind(Bindings.format("%.2f", totalBinding));

```

```

        cartTableView.getSelectionModel().selectedItemProperty().addListener((obs,
oldSelection, newSelection) -> {

            if (newSelection != null) {

                for (int i = 0; i < model.getItemsObservableList().size(); i++) {

                    if
(model.getItemsObservableList().get(i).getName().equals(newSelection.getItemName())) {

                        itemsComboBox.getSelectionModel().select(i);

                        quantitySlider.setValue(newSelection.getQuantity());

                        break;

                    }

                }

            }

        });

removeButton.setOnAction(event -> {

    int selectedIndex = cartTableView.getSelectionModel().getSelectedIndex();

    if (selectedIndex >= 0) {

        cartObservableList.remove(selectedIndex);

    }

```

```
});
```

```
saveCartButton.setOnAction(event -> {
```

```
    CartFileHandler.saveCart(new java.util.ArrayList<>(cartObservableList));
```

```
    new Alert(Alert.AlertType.INFORMATION, "Cart saved.").showAndWait();
```

```
});
```

```
loadCartButton.setOnAction(event -> {
```

```
    try {
```

```
        FXMLLoader loader = new  
FXMLLoader(getClass().getResource("/SavedCart.fxml"));
```

```
        Parent root = loader.load();
```

```
        SavedCartController controller = loader.getController();
```

```
        controller.setMainController(this);
```

```
        Stage stage = new Stage();
```

```
        stage.initModality(Modality.APPLICATION_MODAL);
```

```
        stage.setScene(new Scene(root));
```

```
        stage.setTitle("Load Saved Cart");
```

```
        stage.showAndWait();
```

```
    } catch (Exception e) {
```

```

        e.printStackTrace();

    }

});

checkoutButton.setOnAction(event -> {

    Alert alert = new Alert(Alert.AlertType.CONFIRMATION, "Are you done with your
groceries?");

    alert.showAndWait().ifPresent(response -> {

        if (response == ButtonType.OK) {

            cartObservableList.clear();

        }

    });

});

}

public void loadCartData(List<ItemInCart> loadedItems) {

    cartObservableList.clear();

    cartObservableList.addAll(loadedItems);

}

public static void main(String[] args) {

```



```
launch(args);
```

```
}
```

```
}
```

-- CartFileHandler.java:

```
/******
```

Workshop #05

Course: APD545 - Winter

Last Name: BEHZADFAR

First Name: RADMEHR

ID: 148786221

Section:NDD

This assignment represents my own work in accordance with Seneca Academic Policy.

Signature: RadmehrBehzadfar

Date:2025-03-16

```
*****/
```

```
package grocerystore;
```

```
import java.io.File;
```

```
import java.io.FileOutputStream;

import java.io.FileInputStream;

import java.io.ObjectOutputStream;

import java.io.ObjectInputStream;

import java.util.ArrayList;

import java.util.List;

public class CartFileHandler {

    private static final String CARTS_DIR = "saved_carts";

    public static void saveCart(List<ItemInCart> cart) {

        try {

            File dir = new File(CARTS_DIR);

            if (!dir.exists()) {

                dir.mkdir();

            }

            String filename = CARTS_DIR + File.separator + System.currentTimeMillis() + ".ser";

            ObjectOutputStream oos = new ObjectOutputStream(new
            FileOutputStream(filename));

            oos.writeObject(cart);
```

```

        oos.close();

    } catch (Exception e) {

        e.printStackTrace();

    }

}

@SuppressWarnings("unchecked")

public static List<ItemInCart> loadCart(File file) {

    try {

        ObjectInputStream ois = new ObjectInputStream(new FileInputStream(file));

        List<ItemInCart> loaded = (List<ItemInCart>) ois.readObject();

        ois.close();

        return loaded;

    } catch (Exception e) {

        e.printStackTrace();

        return null;

    }

}

```

```

public static List<File> listSavedCarts() {

    List<File> result = new ArrayList<>();

    File dir = new File(CARTS_DIR);

    if (dir.exists() && dir.isDirectory()) {

        File[] files = dir.listFiles((d, name) -> name.endsWith(".ser"));

        if (files != null) {

            for (File f : files) {

                result.add(f);

            }

        }

    }

    return result;

}

```

-- Item.java:

```

/*****

```

Workshop #05

Course: APD545 - Winter

Last Name: BEHZADFAR

First Name: RADMEHR

ID: 148786221

Section:NDD

This assignment represents my own work in accordance with Seneca Academic Policy.

Signature: RadmehrBehzadfar

Date:2025-03-16

*****/

```
package grocerystore;
```

```
import javafx.beans.property.SimpleDoubleProperty;
```

```
import javafx.beans.property.SimpleStringProperty;
```

```
import java.io.Serializable;
```

```
public class Item implements Serializable {
```

```
    private static final long serialVersionUID = 1L;
```

```
    private transient SimpleStringProperty name;
```

```
    private transient SimpleDoubleProperty unitPrice;
```

```
private String nameCache;
```

```
private double priceCache;
```

```
public Item(String name, double unitPrice) {
```

```
    this.name = new SimpleStringProperty(name);
```

```
    this.unitPrice = new SimpleDoubleProperty(unitPrice);
```

```
    this.nameCache = name;
```

```
    this.priceCache = unitPrice;
```

```
}
```

```
public String getName() {
```

```
    return name.get();
```

```
}
```

```
public void setName(String name) {
```

```
    this.name.set(name);
```

```
    this.nameCache = name;
```

```
}
```

```
public double getUnitPrice() {
```

```
    return unitPrice.get();
```

```
}
```

```
public void setUnitPrice(double unitPrice) {
```

```
    this.unitPrice.set(unitPrice);
```

```
    this.priceCache = unitPrice;
```

```
}
```

```
public SimpleStringProperty nameProperty() {
```

```
    return name;
```

```
}
```

```
public SimpleDoubleProperty unitPriceProperty() {
```

```
    return unitPrice;
```

```
}
```

```
private void writeObject(java.io.ObjectOutputStream out) throws java.io.IOException {
```

```
    out.defaultWriteObject();
```

```
}
```

```
private void readObject(java.io.ObjectInputStream in) throws java.io.IOException,  
ClassNotFoundException {
```

```
    in.defaultReadObject();
```

```
    name = new SimpleStringProperty(nameCache);
```

```
        unitPrice = new SimpleDoubleProperty(priceCache);

    }

    @Override

    public String toString() {

        return getName();

    }

}
```

-- ItemInCart.java:

```
/******
```

Workshop #05

Course: APD545 - Winter

Last Name: BEHZADFAR

First Name: RADMEHR

ID: 148786221

Section:NDD

This assignment represents my own work in accordance with Seneca Academic Policy.

Signature: RadmehrBehzadfar

Date:2025-03-16

*****/

```
package grocerystore;
```

```
import javafx.beans.property.SimpleDoubleProperty;
```

```
import javafx.beans.property.SimpleIntegerProperty;
```

```
import javafx.beans.property.SimpleStringProperty;
```

```
import java.io.Serializable;
```

```
public class ItemInCart implements Serializable {
```

```
    private static final long serialVersionUID = 1L;
```

```
    private transient SimpleStringProperty itemName;
```

```
    private transient SimpleDoubleProperty unitPrice;
```

```
    private transient SimpleIntegerProperty quantity;
```

```
    private transient SimpleDoubleProperty totalPrice;
```

```
    private String itemNameCache;
```

```
    private double unitPriceCache;
```

```
    private int quantityCache;
```

```
    private double totalPriceCache;
```

```
public ItemInCart(String itemName, double unitPrice, int quantity) {

    this.itemName = new SimpleStringProperty(itemName);

    this.unitPrice = new SimpleDoubleProperty(unitPrice);

    this.quantity = new SimpleIntegerProperty(quantity);

    this.totalPrice = new SimpleDoubleProperty(unitPrice * quantity);

    this.itemNameCache = itemName;

    this.unitPriceCache = unitPrice;

    this.quantityCache = quantity;

    this.totalPriceCache = unitPrice * quantity;

}

public String getItemName() {

    return itemName.get();

}

public void setItemName(String itemName) {

    this.itemName.set(itemName);

    this.itemNameCache = itemName;

    updateTotalPrice();

}
```

```
}
```

```
public double getUnitPrice() {
```

```
    return unitPrice.get();
```

```
}
```

```
public void setUnitPrice(double unitPrice) {
```

```
    this.unitPrice.set(unitPrice);
```

```
    this.unitPriceCache = unitPrice;
```

```
    updateTotalPrice();
```

```
}
```

```
public int getQuantity() {
```

```
    return quantity.get();
```

```
}
```

```
public void setQuantity(int quantity) {
```

```
    this.quantity.set(quantity);
```

```
    this.quantityCache = quantity;
```

```
    updateTotalPrice();
```

```
}
```

```
public double getTotalPrice() {
```

```
    return totalPrice.get();
```

```
}
```

```
private void updateTotalPrice() {
```

```
    totalPrice.set(getUnitPrice() * getQuantity());
```

```
    totalPriceCache = getUnitPrice() * getQuantity();
```

```
}
```

```
public SimpleStringProperty itemNameProperty() {
```

```
    return itemName;
```

```
}
```

```
public SimpleDoubleProperty unitPriceProperty() {
```

```
    return unitPrice;
```

```
}
```

```
public SimpleIntegerProperty quantityProperty() {
```

```
    return quantity;
```

```
}
```

```
public SimpleDoubleProperty totalPriceProperty() {
```

```

        return totalPrice;

    }

    private void writeObject(java.io.ObjectOutputStream out) throws java.io.IOException {

        updateTotalPrice();

        out.defaultWriteObject();

    }

    private void readObject(java.io.ObjectInputStream in) throws java.io.IOException,
    ClassNotFoundException {

        in.defaultReadObject();

        itemName = new SimpleStringProperty(itemNameCache);

        unitPrice = new SimpleDoubleProperty(unitPriceCache);

        quantity = new SimpleIntegerProperty(quantityCache);

        totalPrice = new SimpleDoubleProperty(totalPriceCache);

    }

}

```

-- Model.java:

```

/*****

```

Course: APD545 - Winter

Last Name: BEHZADFAR

First Name: RADMEHR

ID: 148786221

Section:NDD

This assignment represents my own work in accordance with Seneca Academic Policy.

Signature: RadmehrBehzadfar

Date:2025-03-16

*****/

```
package grocerystore;
```

```
import javafx.collections.FXCollections;
```

```
import javafx.collections.ObservableList;
```

```
import java.io.BufferedReader;
```

```
import java.io.FileReader;
```

```
import java.io.IOException;
```

```
public class Model {
```

```
    private ObservableList<Item> itemsObservableList;
```

```
public Model() {

    itemsObservableList = FXCollections.observableArrayList();

}

public ObservableList<Item> getItemsObservableList() {

    return itemsObservableList;

}

public void loadData(String csvFilePath) {

    try (BufferedReader br = new BufferedReader(new FileReader(csvFilePath))) {

        String line;

        while ((line = br.readLine()) != null) {

            String[] values = line.split(",");

            if (values.length > 0) {

                String name = values[0].trim();

                double unitPrice = 10.0;

                if (values.length > 1) {

                    try {

                        unitPrice = Double.parseDouble(values[1].trim());

                    }
```

```
        } catch (NumberFormatException e) {}

    }

    itemsObservableList.add(new Item(name, unitPrice));

}

}

} catch (IOException e) {

    e.printStackTrace();

}

}

}
```

-- SavedCartController.java:

```
/******
```

Workshop #05

Course: APD545 - Winter

Last Name: BEHZADFAR

First Name: RADMEHR

ID: 148786221

Section:NDD

This assignment represents my own work in accordance with Seneca Academic Policy.

Signature: RadmehrBehzadfar

Date:2025-03-16

*****/

```
package grocerystore;
```

```
import javafx.fxml.FXML;
```

```
import javafx.scene.control.ListView;
```

```
import javafx.scene.control.Button;
```

```
import javafx.stage.Stage;
```

```
import java.io.File;
```

```
import java.util.List;
```

```
public class SavedCartController {
```

```
    @FXML private ListView<String> savedCartList;
```

```
    @FXML private Button loadButton;
```

```
    @FXML private Button cancelButton;
```

```
    private Cart mainController;
```

```
private List<File> cartFiles;
```

```
@FXML
```

```
private void initialize() {
```

```
    cartFiles = CartFileHandler.listSavedCarts();
```

```
    for (File f : cartFiles) {
```

```
        savedCartList.getItems().add(f.getName());
```

```
    }
```

```
}
```

```
@FXML
```

```
private void handleLoad() {
```

```
    int index = savedCartList.getSelectionModel().getSelectedIndex();
```

```
    if (index >= 0) {
```

```
        File file = cartFiles.get(index);
```

```
        List<ItemInCart> loadedCart = CartFileHandler.loadCart(file);
```

```
        if (loadedCart != null) {
```

```
            mainController.loadCartData(loadedCart);
```

```
        }
```

```

        Stage stage = (Stage) loadButton.getScene().getWindow();

        stage.close();

    }

}

@FXML

private void handleCancel() {

    Stage stage = (Stage) cancelButton.getScene().getWindow();

    stage.close();

}

public void setMainController(Cart c) {

    mainController = c;

}

}

```

-- ItemsMaster.csv

Apple,1.50

Banana,0.75

Bread,2.25

Milk,3.00

Eggs,4.00

Chicken,8.50

Rice,5.00

-- layout.fxml :

<?xml version="1.0" encoding="UTF-8"?>

<!--

/*****

Workshop #05

Course: APD545 - Winter

Last Name: BEHZADFAR

First Name: RADMEHR

ID: 148786221

Section:NDD

This assignment represents my own work in accordance with Seneca Academic Policy.

Signature: RadmehrBehzadfar

Date:2025-03-16

*****/

-->

<?import javafx.geometry.Insets?>

<?import javafx.scene.control.Button?>

<?import javafx.scene.control.ComboBox?>

<?import javafx.scene.control.Label?>

<?import javafx.scene.control.Slider?>

<?import javafx.scene.control.TableColumn?>

<?import javafx.scene.control.TableView?>

<?import javafx.scene.layout.BorderPane?>

<?import javafx.scene.layout.HBox?>

<?import javafx.scene.layout.VBox?>

<BorderPane xmlns:fx="http://javafx.com/fxml" xmlns="http://javafx.com/javafx"

fx:controller="grocerystore.Cart">

<top>

<VBox spacing="10">

<padding>

<Insets top="10" right="10" bottom="10" left="10"/>

</padding>

<HBox spacing="10">

<Label text="Select Item:"/>

<ComboBox fx:id="itemsComboBox" prefWidth="150"/>

<Label text="Quantity:"/>

<Slider fx:id="quantitySlider" min="1" max="10" value="1" prefWidth="150"/>

<Label text="Units:"/>

<Label fx:id="purchaseUnitsLabel" prefWidth="50"/>

</HBox>

<HBox spacing="10">

<Label text="Item Name:"/>

<Label fx:id="unitValueLabel" prefWidth="150"/>

<Label text="Unit Price:"/>

<Label fx:id="unitPriceValueLabel" prefWidth="100"/>

</HBox>

<HBox spacing="10">

<Button fx:id="addButton" text="Add to Cart"/>

<Button fx:id="removeButton" text="Remove from Cart"/>

<Button fx:id="saveCartButton" text="Save Cart"/>

<Button fx:id="loadCartButton" text="Load Cart"/>

<Button fx:id="checkoutButton" text="Check Out"/>

</HBox>

</VBox>

</top>

<center>

<VBox spacing="10">

<padding>

<Insets top="10" right="10" bottom="10" left="10"/>

</padding>

<Label text="Available Items:"/>

<TableView fx:id="itemsTableView" prefHeight="150">

<columns>

<TableColumn fx:id="itemNameColumn" text="Item Name" prefWidth="150"/>

<TableColumn fx:id="unitPriceColumn" text="Unit Price" prefWidth="100"/>

</columns>

</TableView>

<Label text="Shopping Cart:"/>

<TableView fx:id="cartTableView" prefHeight="150">

<columns>

<TableColumn fx:id="cartItemNameColumn" text="Item Name"
prefWidth="150"/>

<TableColumn fx:id="cartUnitPriceColumn" text="Unit Price" prefWidth="100"/>

<TableColumn fx:id="cartQuantityColumn" text="Quantity" prefWidth="80"/>

<TableColumn fx:id="cartTotalPriceColumn" text="Total Price"
prefWidth="100"/>

</columns>

</TableView>

</VBox>

</center>

<bottom>

<HBox spacing="10">

<padding>

<Insets top="10" right="10" bottom="10" left="10"/>

</padding>

<Label text="Total Amount:"/>

<Label fx:id="totalValueLabel" prefWidth="100"/>

</HBox>

</bottom>

</BorderPane>

-- SaveedCart.fxml :

<?xml version="1.0" encoding="UTF-8"?>

<!--

/*****

Workshop #05

Course: APD545 - Winter

Last Name: BEHZADFAR

First Name: RADMEHR

ID: 148786221

Section:NDD

This assignment represents my own work in accordance with Seneca Academic Policy.

Signature: RadmehrBehzadfar

Date:2025-03-16

*****/

-->

<?import javafx.scene.control.Button?>

<?import javafx.scene.control.ListView?>

<?import javafx.scene.layout.HBox?>

<?import javafx.scene.layout.VBox?>

<**VBox** xmlns="http://javafx.com/javafx" xmlns:fx="http://javafx.com/fxml"

fx:controller="grocerystore.SavedCartController" spacing="10">

<children>

<**ListView** fx:id="savedCartList" prefHeight="200" prefWidth="300"/>

<**HBox** spacing="10">

<children>

<**Button** fx:id="loadButton" text="Load" onAction="#handleLoad"/>

```
<Button fx:id="cancelButton" text="Cancel" onAction="#handleCancel"/>
```

```
</children>
```

```
</HBox>
```

```
</children>
```

```
</VBox>
```