Topic : Online Shopping Cart

Introduction

The "Online Shopping Cart" project aims to replicate the essence of real-world online shopping through a virtual platform.
The Online Shopping Cart is a web-based application that allows users to perform various Shopping cart activities like add product, remove product, apply coupons Bill etc.
The whole project is developed using core java.

Project Overview (Scope)

- User Registration and Login
- Add and Remove Product in the Company Inventory
- Add and Remove Product to the Cart
- Showing the Offers
- Generate Bill

Architecture

There are various classes that are used in this project

Users

User Registration.
User Login and Authentication.

Product

This class maintain Product Details, Product availability, and Managing the Product.

Offers

Discount offers and their application to the Bill.

Cart

This class maintain the add and remove item into the cart,
Help in calculations of Bill.

Orders

Creating and saving orders with details.

ProductManage

This class maintain the products in the company inventory.

Key Code Highlights

- User Registration and Login Logic
- Add and Remove Product
- Add offer in the Bill