Salable Product | - name: String | - description: String | - price: double | - quantity: int | + getName(): String | + getDescription(): String | | + getPrice(): double | + getQuantity(): int | + setName(name: String): void | | + setDescription(desc: String): void | | + setPrice(price: double): void | | + setQuantity(quantity: int): void |

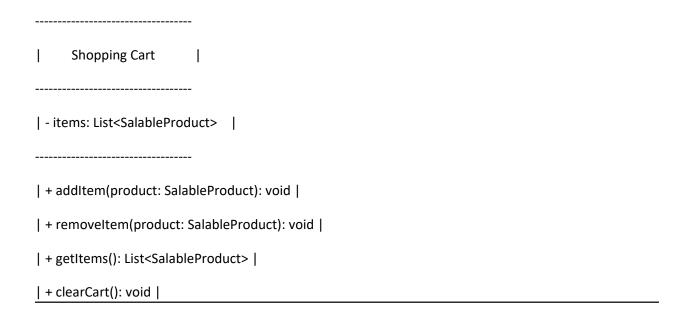
Based on the requirements, the Salable Product should have attributes such as Name, Description, Price, and Quantity.

The Store Front should support initializing the state of the Store, purchasing a Salable Product, and canceling the purchase of a Salable Product.

The Store Front class has a composition relationship with the Inventory Manager and Shopping Cart classes. It has methods to initialize the store, purchase a Salable Product, and cancel a purchase.

The Inventory Manager is responsible for managing the inventory of Salable Products

The Inventory Manager class has a list of Salable Products and provides methods to add, remove, and retrieve products from the inventory.



The Shopping Cart is responsible for managing the selected products for purchase.

The Shopping Cart class has a list of selected Salable Products and provides methods to add, remove, retrieve items, and clear the cart.