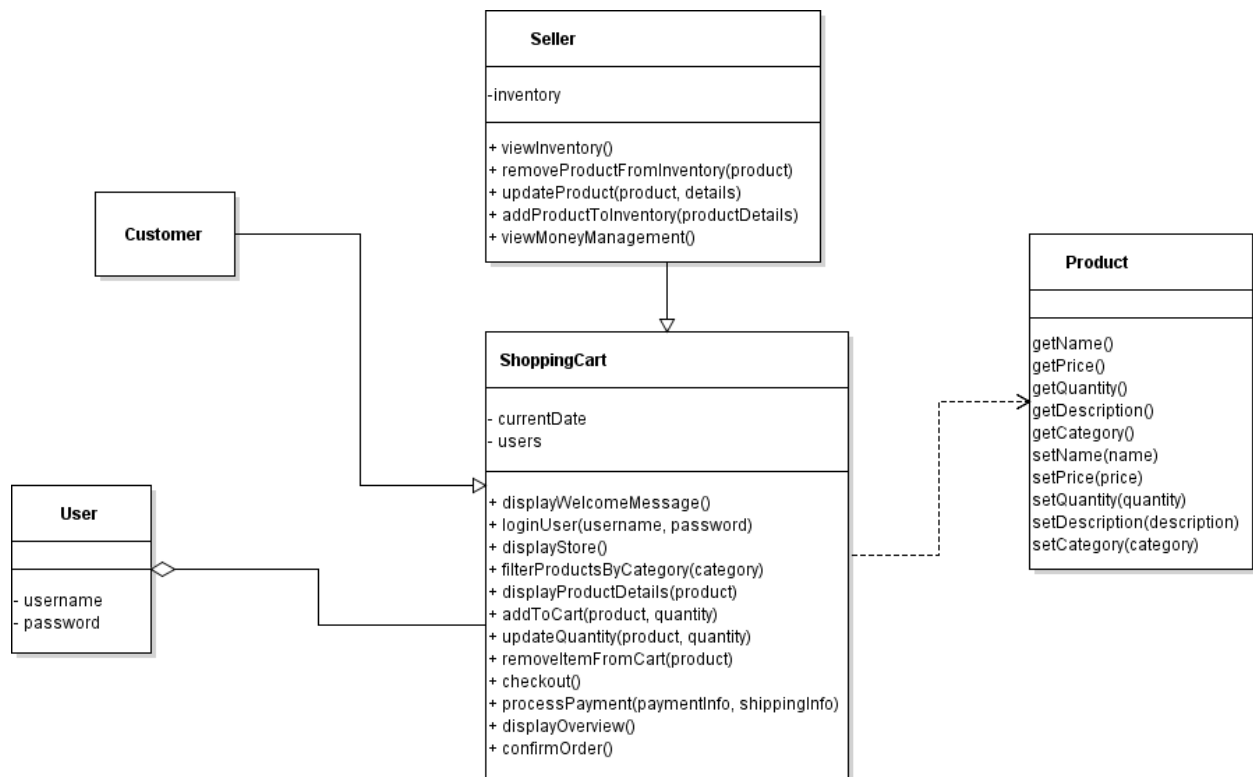


## Group Number 12

**Group Members:** Chase Moffat, Charles Pyfrom, Miles Choquette

## Shopping Cart Project



## CRC Cards

### Class: Shopping Cart

Responsibilities:

- Display welcome message
- Manage users' login
- Display store and products
- Filter products by category

- Manage shopping cart operations
- Process checkout and payment
- Manage order confirmation and display receipt

Collaborators:

- User
- Customer
- Seller
- Product

### **Class: User**

Responsibilities:

- Store username and password

Collaborators:

- Shopping Cart

### **Class: Customer**

Responsibilities:

Collaborators:

- Shopping Cart

### **Class: Seller**

Responsibilities:

- Manage inventory
- Manage money management

Collaborators:

- Shopping Cart
- Product

### **Class: Product**

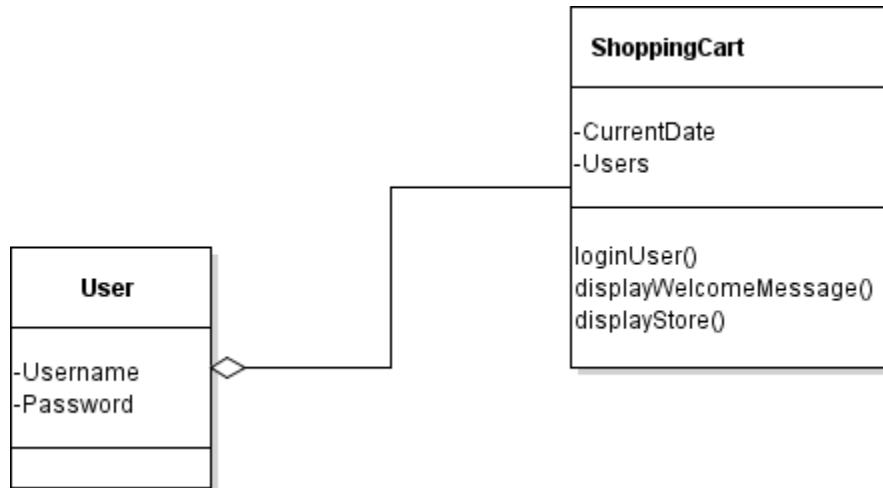
Responsibilities:

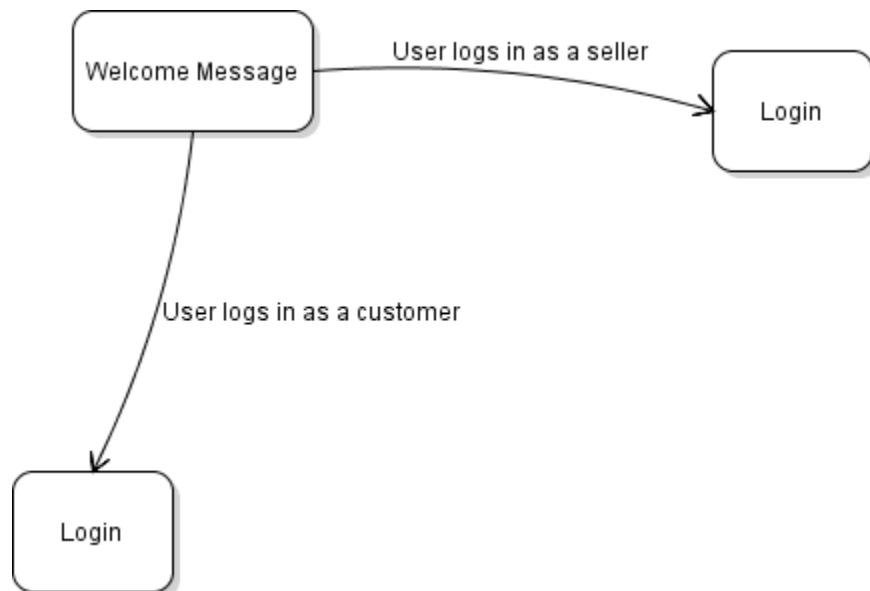
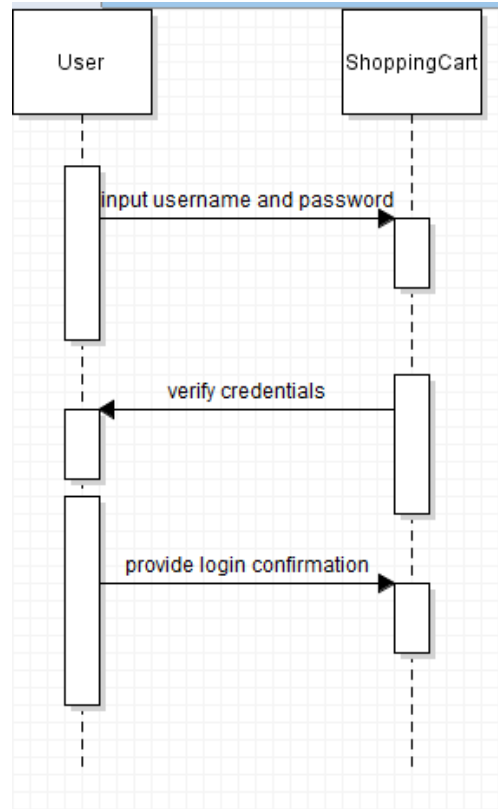
- Store product details such as name, price, quantity, description, and category

Collaborators:

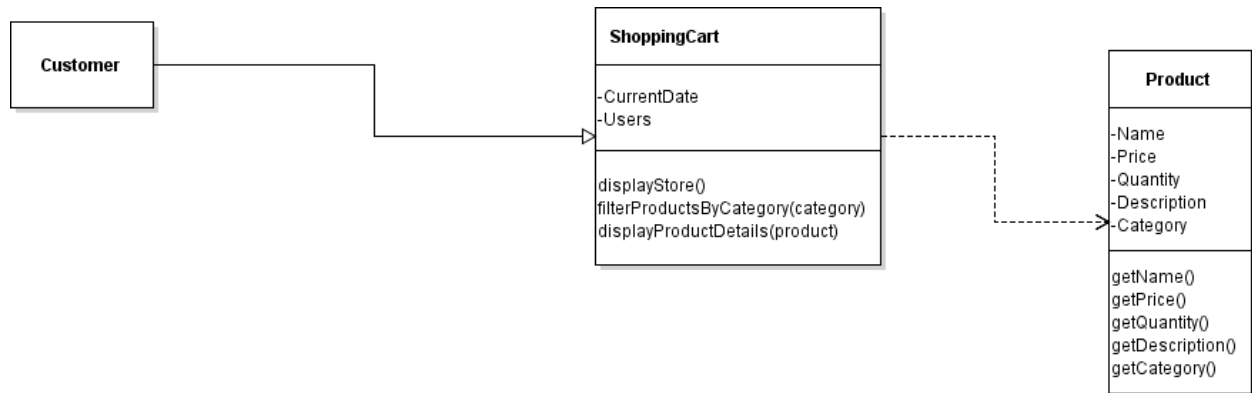
- Shopping Cart
- Seller

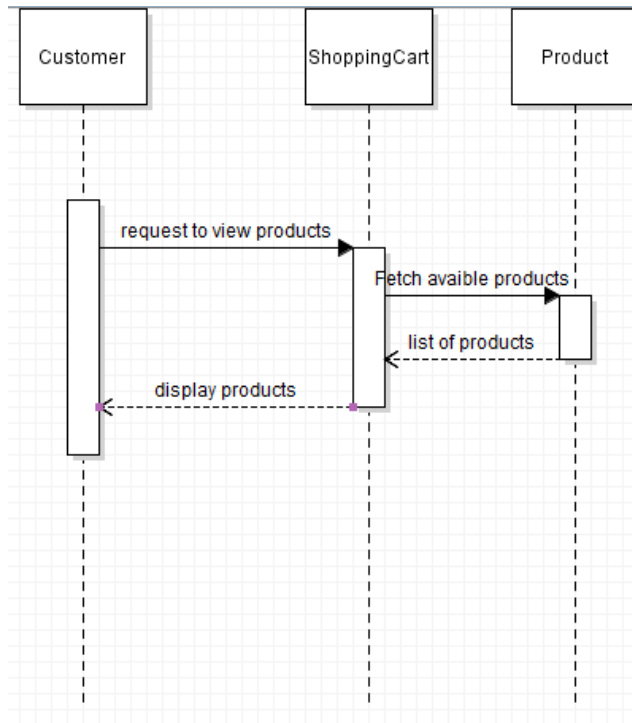
### Login UML Diagrams:

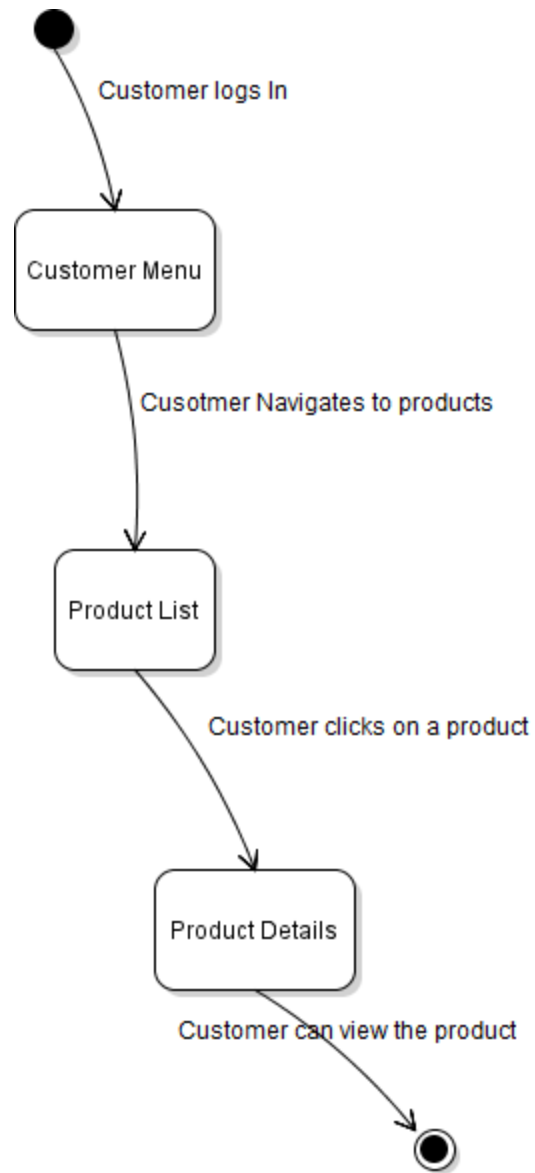




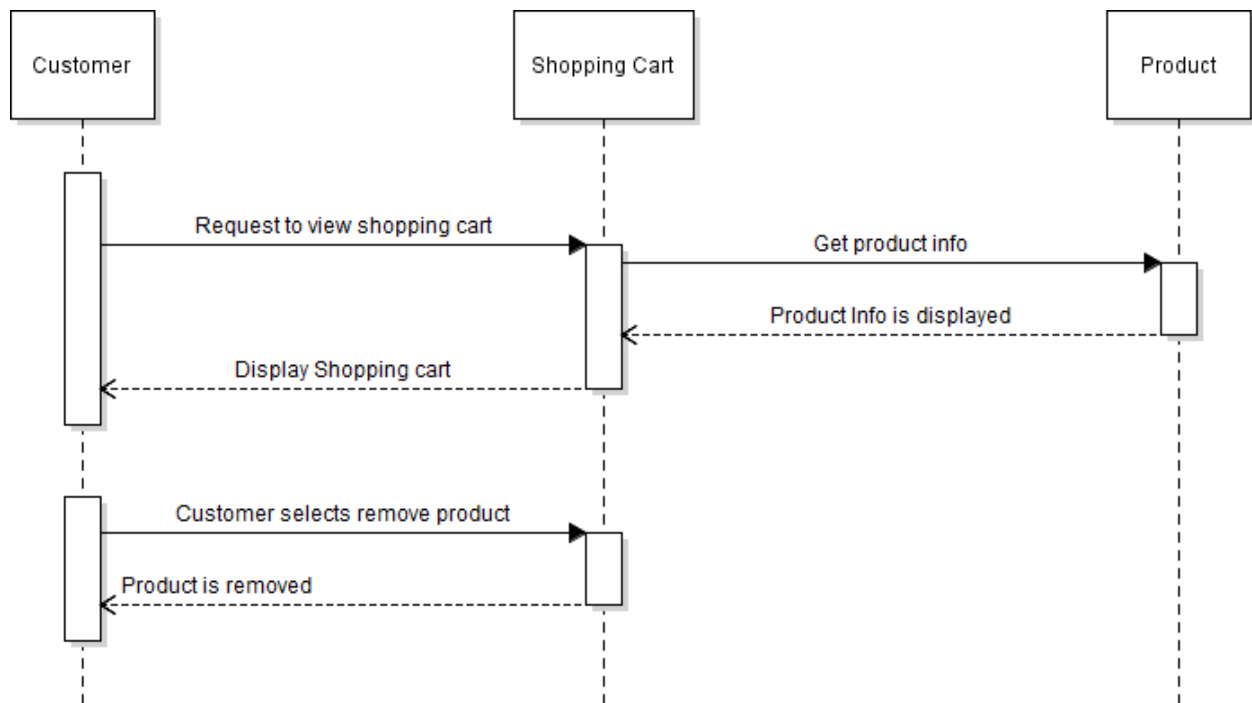
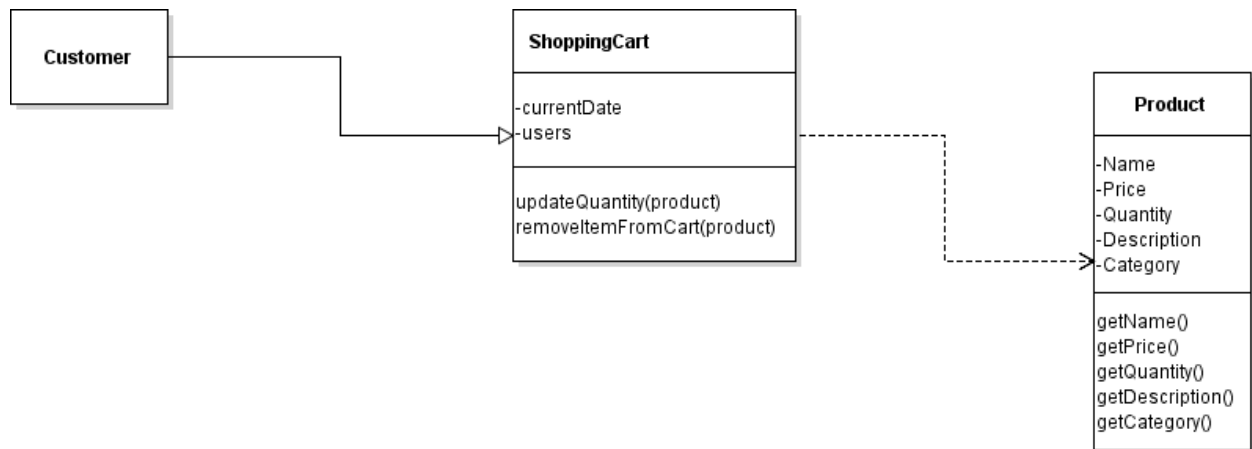
## Browsing products UML Diagrams:



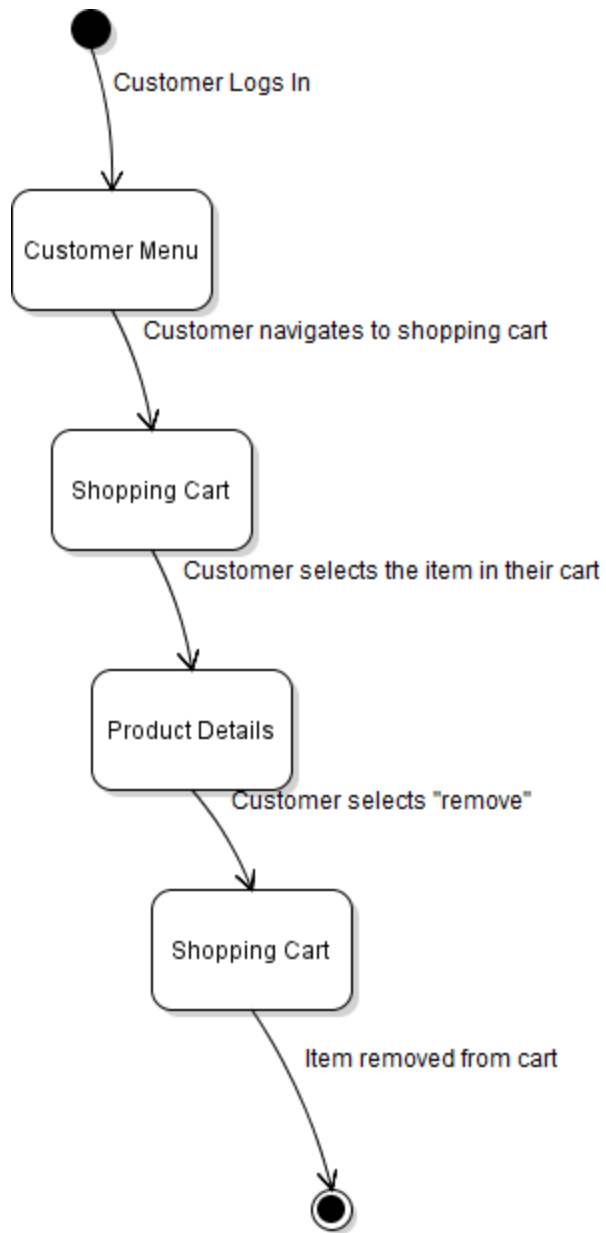




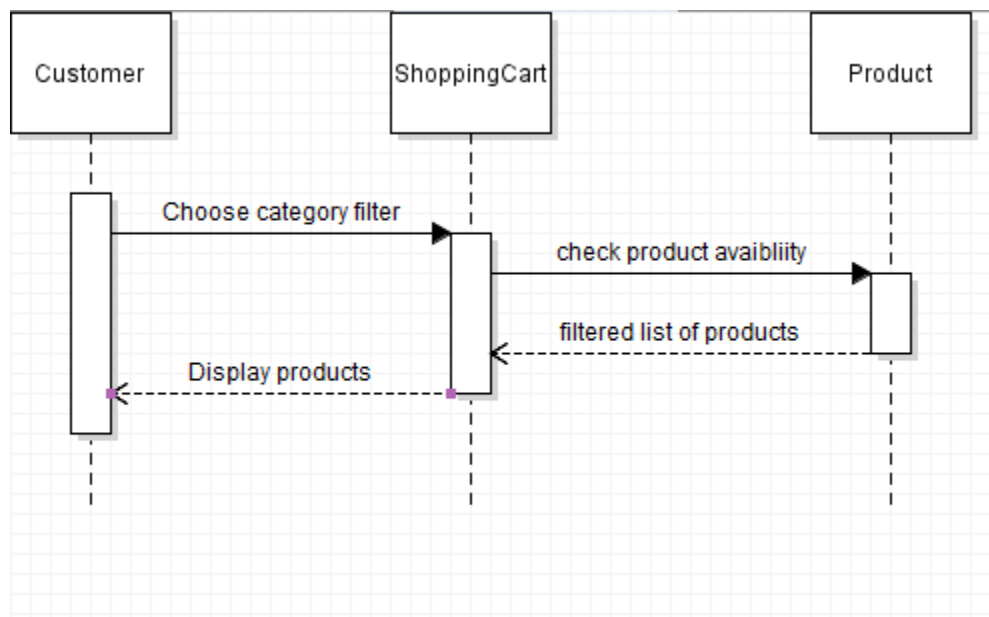
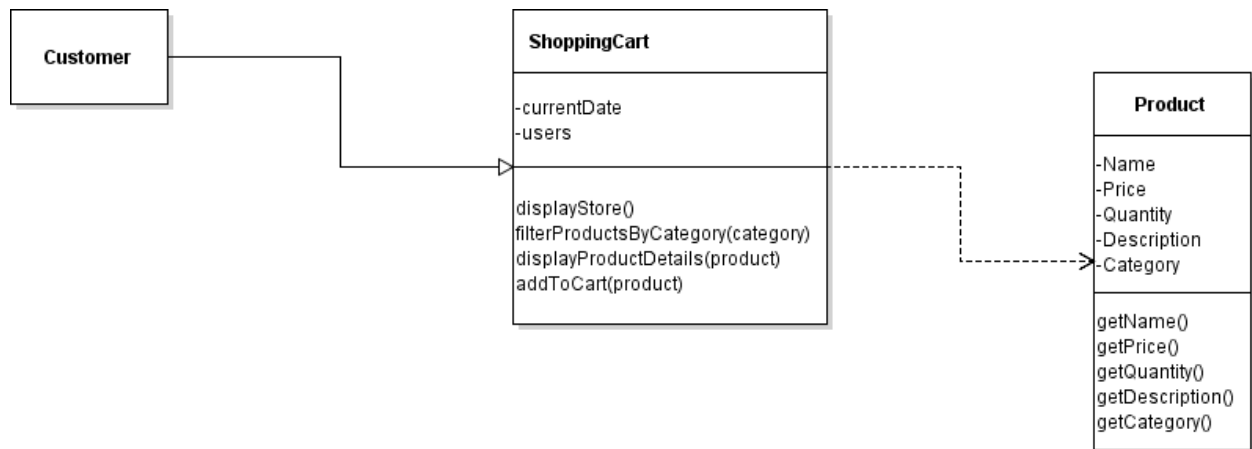
**Update Cart UML Diagrams:**

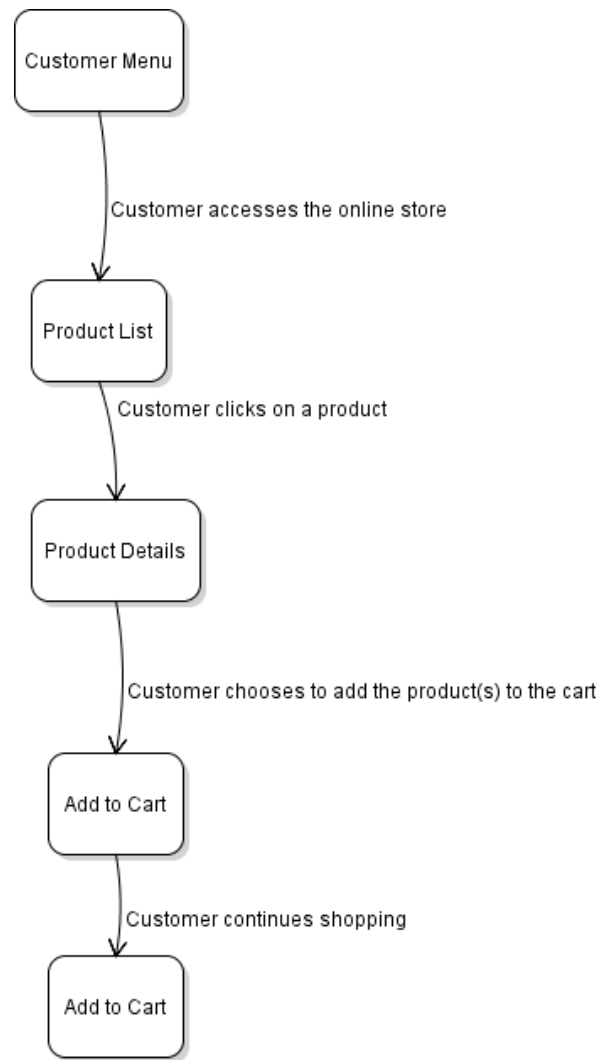




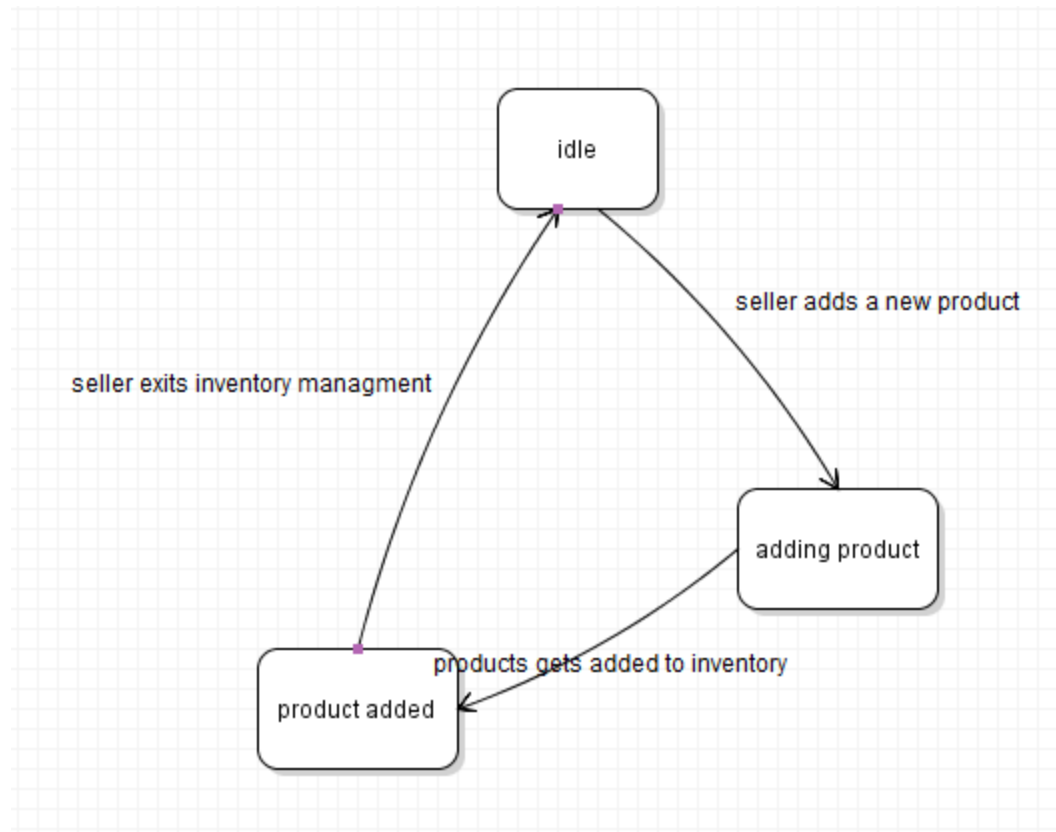


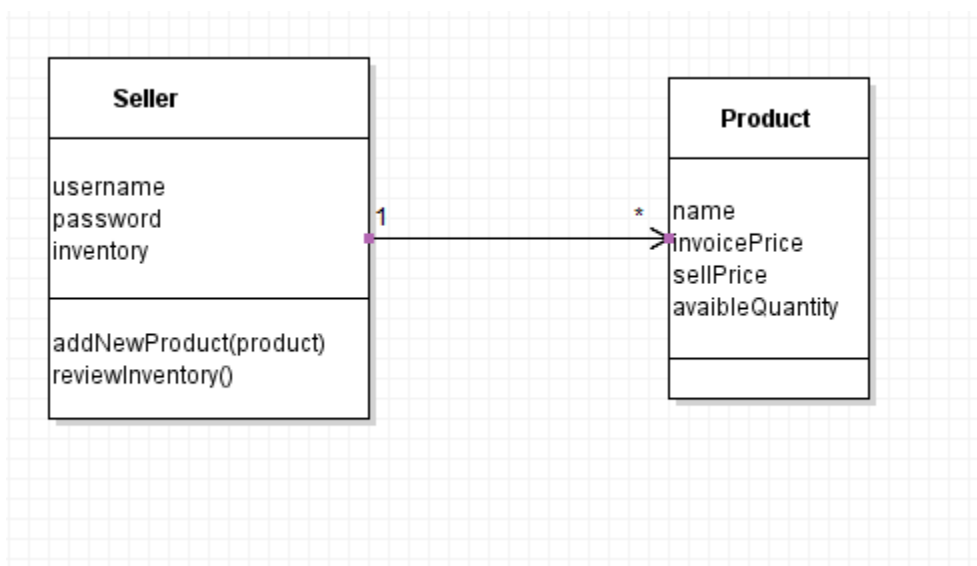
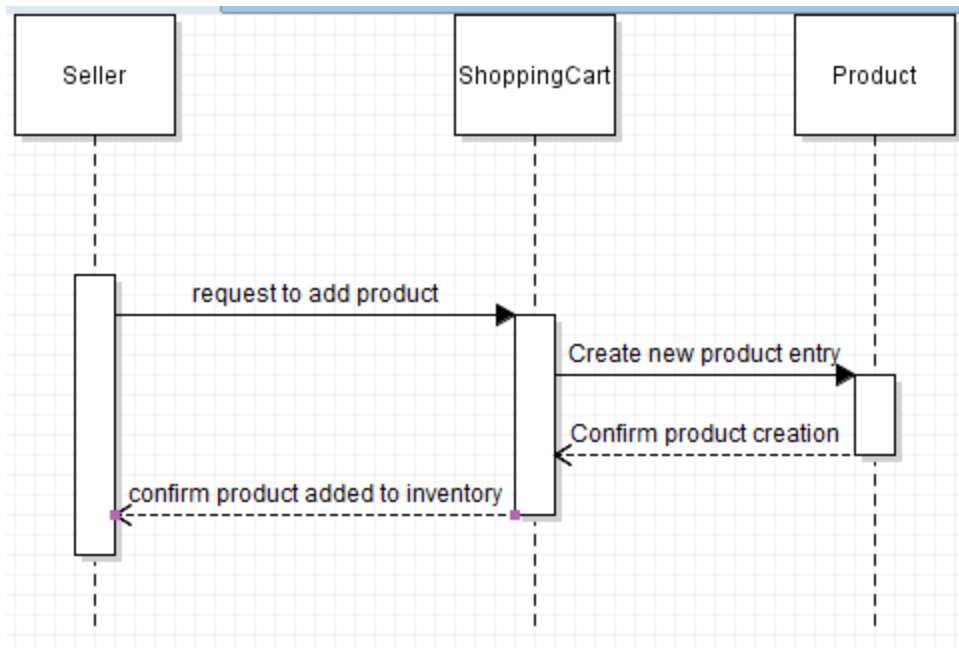
**Add products to cart UML Diagrams:**



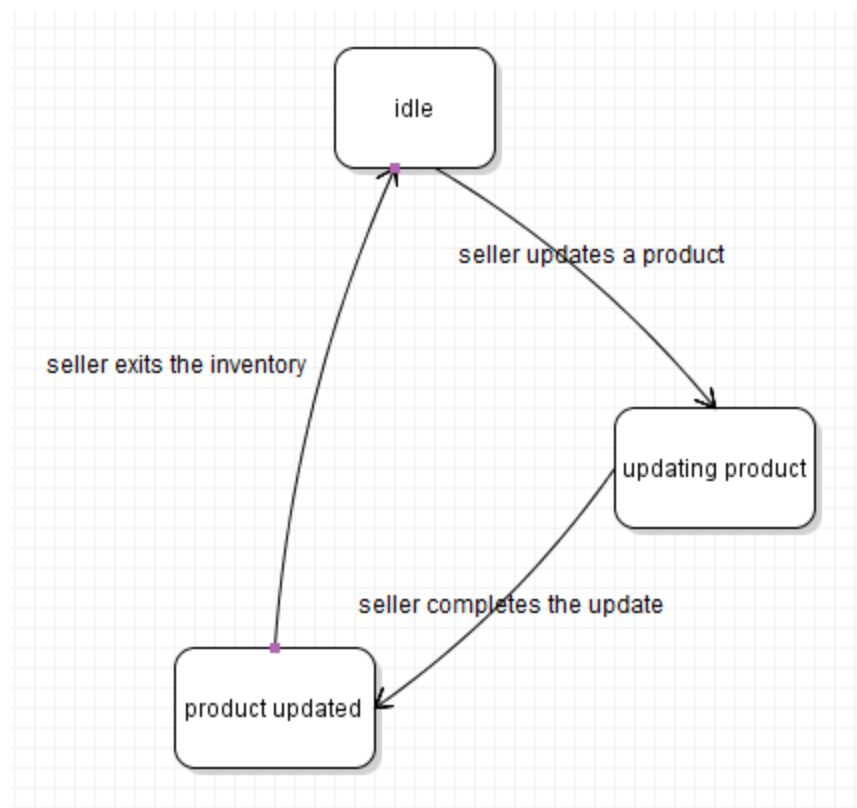


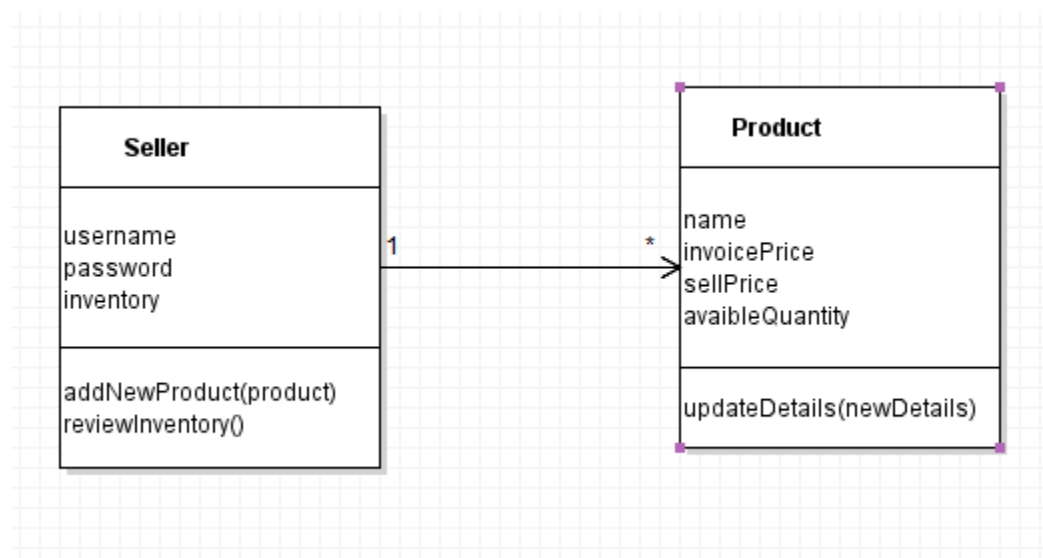
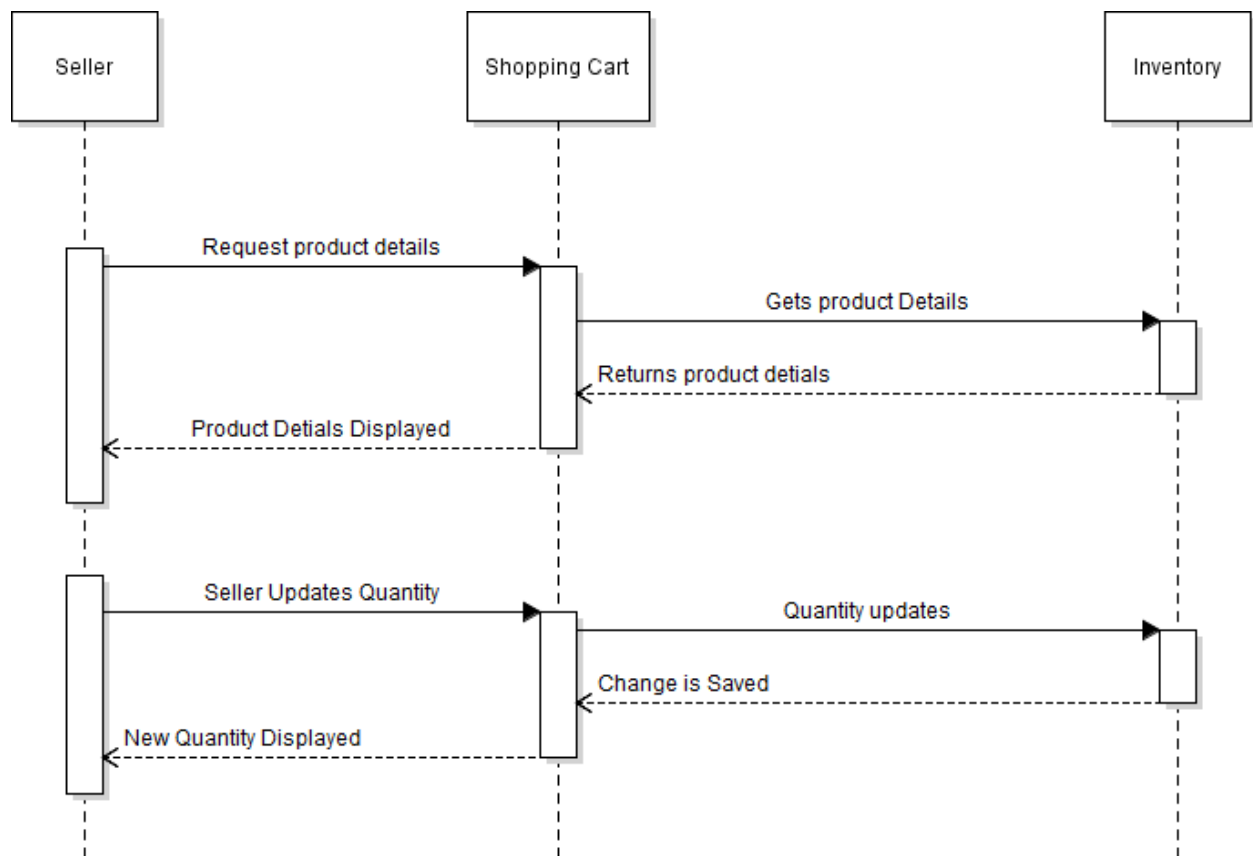
**Seller adds product to inventory UML Diagrams:**



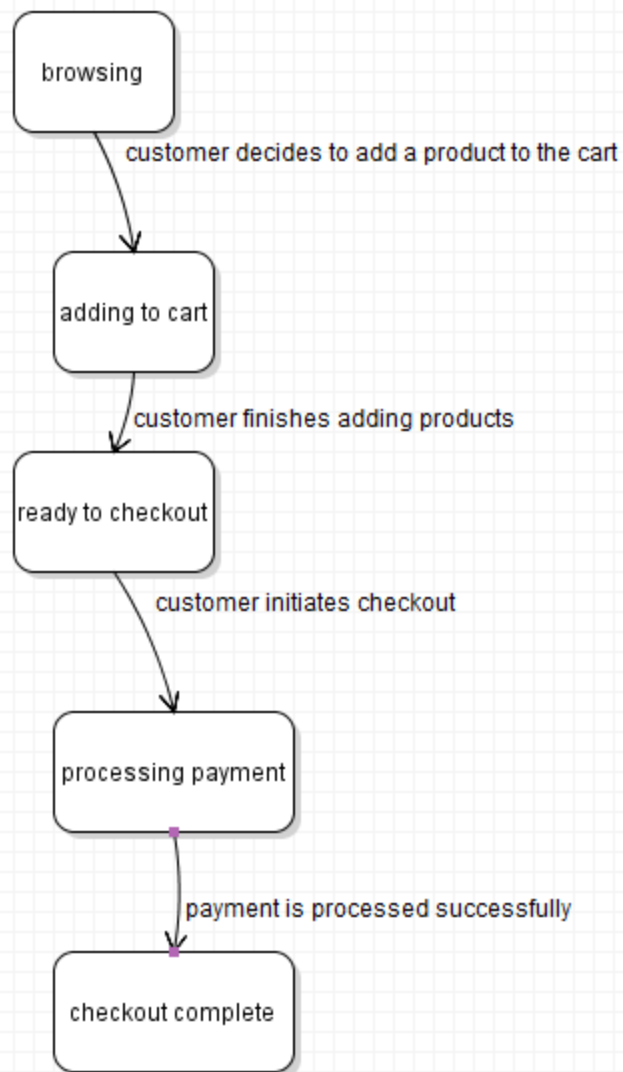


**Seller updates Inventory UML Diagrams:**

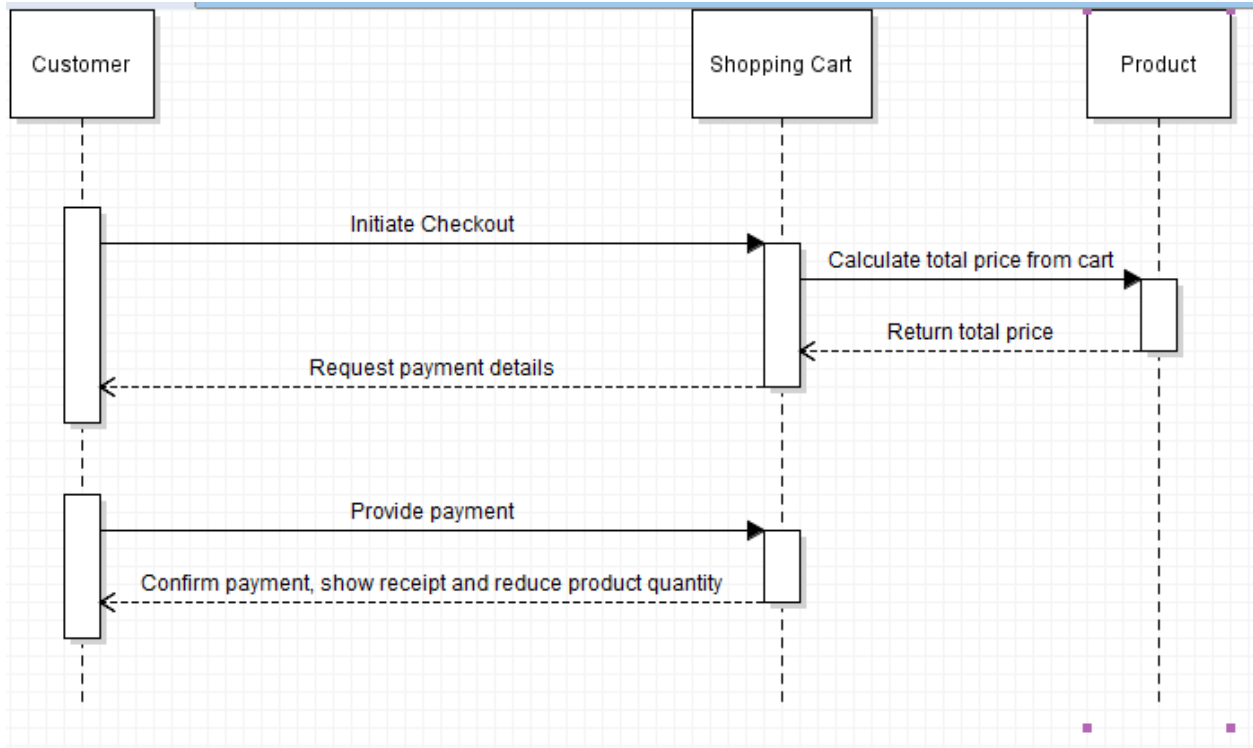


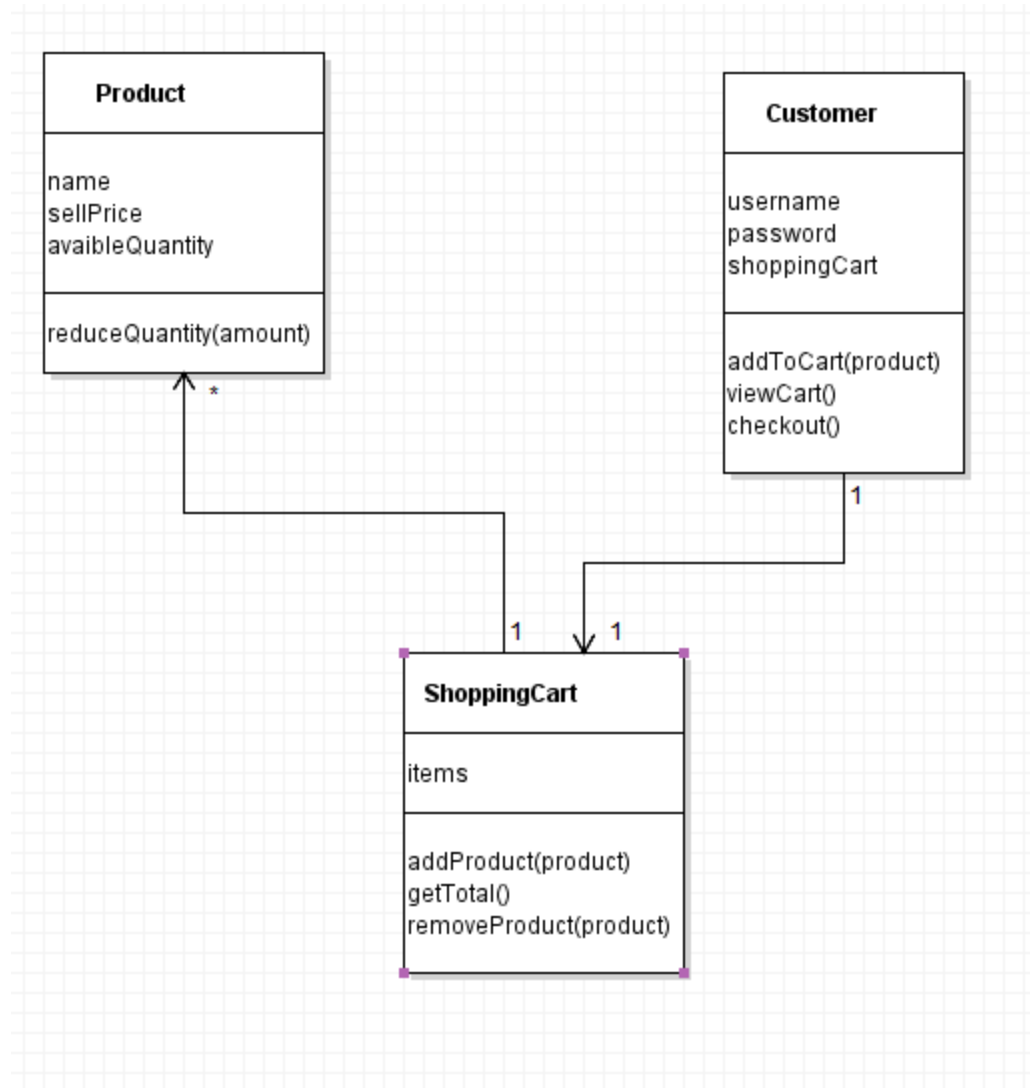


**Checkout sequence UML Diagrams:**









**Seller Checks Stats UML Diagrams:**

