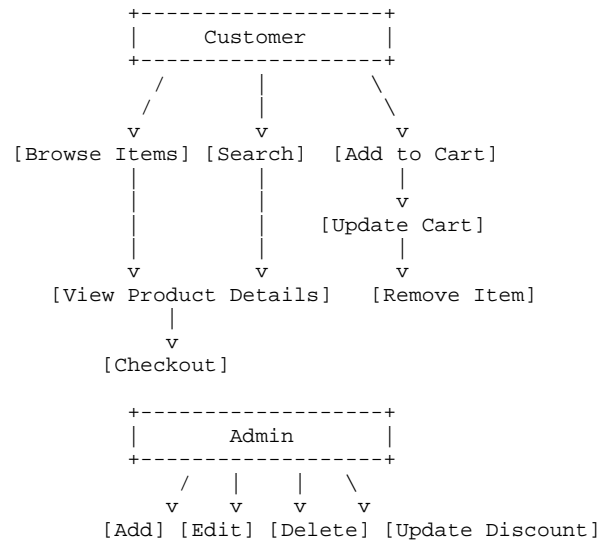


UML DIAGRAMS

1. USE CASE DIAGRAM



2. CLASS DIAGRAM

```
+-----+
|      Item      |
+-----+
| id             |
| name           |
| category       |
| price          |
| quantity       |
| discount_percent |
+-----+
| getPriceAfterDiscount() |
| reduceStock()           |
+-----+
```

```
+-----+
|    CartItem    |
+-----+
| id             |
| product_name   |
| price          |
| quantity       |
+-----+
| incrementQty()  |
| decrementQty()  |
+-----+
```

```
+-----+
|      User      |
+-----+
| username       |
| cart           |
+-----+
| addToCart()    |
| removeFromCart() |
+-----+
```

```
+-----+
|      Admin     |
+-----+
| username       |
| password       |
+-----+
| addItem()      |
| updateItem()   |
| deleteItem()   |
+-----+
```

```
+-----+
|    Database    |
+-----+
| connection     |
+-----+
| executeQuery() |
| fetchAll()      |
| fetchOne()      |
+-----+
```

3. ACTIVITY DIAGRAM

