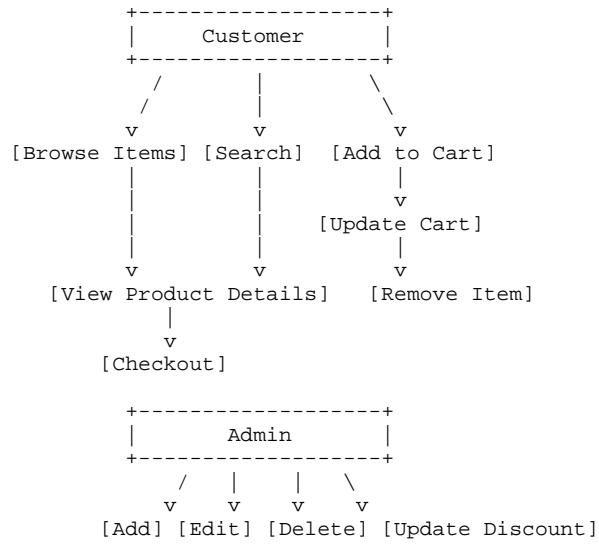


# UML DIAGRAMS

## 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

