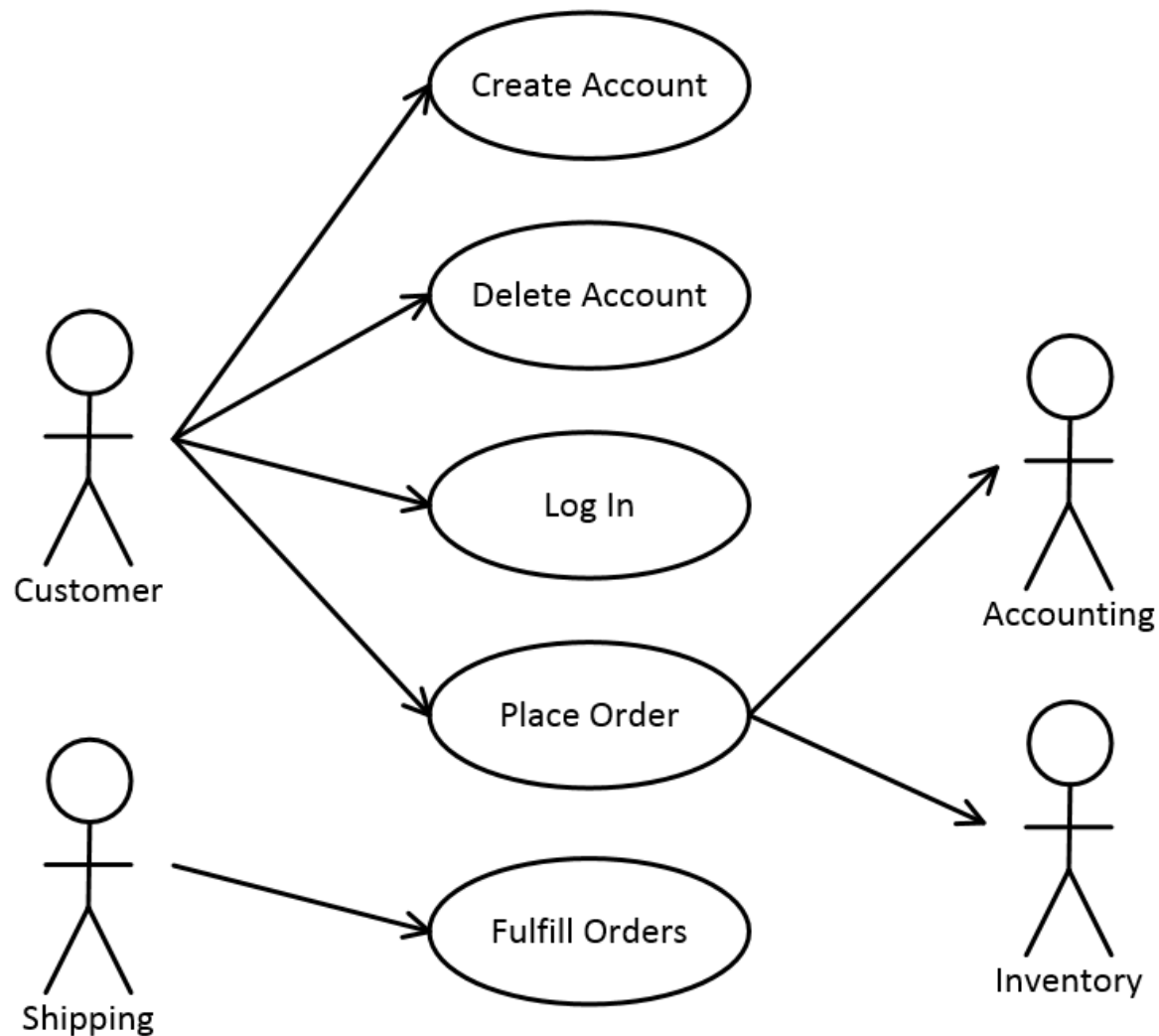# Candidate Class Example

Internet Storefront Application

Internet Storefront

Use Case Specification

Use Case Name: Place Order

Use Case Goal: Customer creates an order, adds items to it, and checks out

Actors: Customer (p), Inventory, Accounting

Preconditions: Customer is logged on

Postconditions: Order is created, inventory and accounting are adjusted

Trigger: Customer selects "create order"

Main success scenario

- Customer selects "create order"
- System creates an empty shopping cart for the customer
- Customer browses the catalog for product to add to the shopping cart
- Customer selects "add to cart"
- Customer selects quantity
- System checks inventory to make sure there is sufficient stock and adds the item(s) to the shopping cart
- Customer checks out
- System updates inventory and accounting appropriately

Alternate scenarios

- Customer may delete items from a cart at any time before checkout.

Candidate Classes

- Customer

- Shopping Cart

- Catalog

- Product

- Order Item

Next

- Modeling a system operation

Name	
Responsibilities	Collaborators