```java
public static void addItemtoCart(ShopperModel shopperModel, Object item) {
    try {
        shopperModel.getShoppingCart().add((Item) item);
    }catch(Exception e){
        System.out.println("Something went wrong. Add to cart unsuccessful"
```
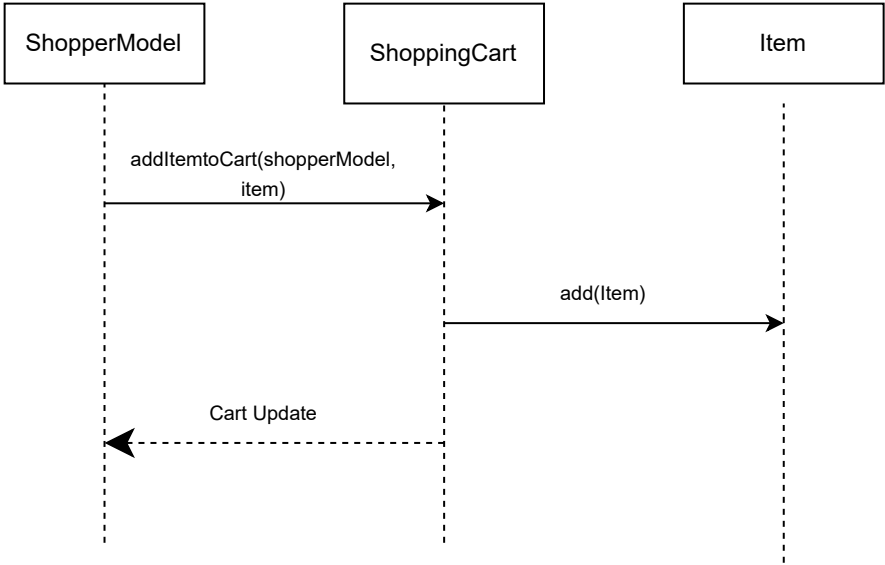
```
        System.out.println("Something went wrong.Add to cart unsuccessful");
    }

}
```

AddItemtoCart sequence diagram

```
ShopperModel        ShoppingCart              Item

        addItemtoCart(shopperModel,
                item)

                            add(Item)

        Cart Update
```

```java
public static int stockDecrement(Item item) {
    try {
        int Stock = item.getStock();
        if(Stock > 0) {
            item.setStock(Stock - 1);
            return item.getStock();
        }
    }catch(Exception e) {
        System.out.println("Stock is 0.");
        return 0;
    }
    return 0;
}
```

stockDecrement sequence diagram

```
Shopping      stockDecrement          item            System.out

Try           Call
              stockDecerement(item)

                            Get stock

if(stock >0)
                        Set stock (Stock - 1)

        Return Updated Stock

                                System.out.println("Stock is 0)"

        Return 0

        Return 0
```