Amazon - Class Diagram

Product

- productName: String
- price: double
- stock: int

+ addToCart()

Customer

- creditCardInfo
- shippingInfo

+ updateShipping()
+ updateCreditCard()

User

- id: int
- name: String
- email: String
- password: String
- loginStatus: boolean

+ login()
+ logout()
+updateprofile()

Admin

+ UpdateInventory
+ banUser

Cart

- ProductList: List<Product>
- total: double

+ checkout()
+ remove()

0..*
1

Order

- orderId: int
- dateOrdered: Date
- Shipped: boolean
- received: boolean

+ orderDetails()
+ shippingInfo()
+cancelOrder()

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0..*

Shipping Info

- shippingId: String
- shippingStatus: String
- shippingMethod: String

+ updateShippingInfo()

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1

Order Details

- productId: String
- quantity: int
- subtotal: double

+ calculateTotal()

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