StoreView

- cartID : int
- sm : StoreManager
- + StoreView(sm : StoreManager, CartID : int)
- helpDisplay (): void
- browseDisplay (): void
- addDisplay (): void
- removeDisplay (): void
- checkOutDisplay (): void
- + displayUI (): boolean
- + main(String args[]): void

StoreManager

- inventory: Inventory
- counterCartID: int
- shoppingCart: Hashmap<Integer, ShoppingCart>
- + checkStock(int): void
- + processTransactionOld(Integer[][]): void
- + getQuantity(): HashMap<Integer, Integer>
- + getProduct(): HashMap<Integer, Product>
- + getKeySet(): Set<Integer>
- + getInventory(): Inventory
- + getShoppingCart(): HashMap<Integer, ShoppingCart>
- + assignNewCartID(): int
- + getCustomerCart(cartID: int): HashMap<Integer, Integer>
- + removeCartInventory(id : int, quantity : int, cartID : int) : void
- + addCartInventory(id : int, quantity : int, cartID: int) : void
- + processTransaction(cartID : int) : String
- + emptyCustomerCart(cartID : int) : void

ShoppingCart

- customerCart : HashMap<Integer, Integer>
- cartID : int
- + ShoppingCart : HashMap(cartID : int)
- + getCustomerCart(): HashMap<Integer, Integer>
- + getCartID(): int
- + removeCustomerProduct(id : int, amount : int) : void
- + addCustomerProduct(id : int, amount : int) : void

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Product

- NAME: String

- ID: int

- PRICE: double

- + Product (name: String, id: int, price: double)
- + getName (): String
- + getId (): int
- + getPrice (): double

Inventory

- infoProduct: HashMap <Integer, Product>
- idQuantity: HashMap <Interfer, Integer>
- + Inventory()
- + getAvailableID(): Set<Integer>
- + gettingQuantity(id: int): int
- + removingQuantity (id: int, amount: id): void
- + gettingProduct (id: int): Product
- + getIdQuantity (): HashMap<Integer, Integer>
- + getInfoProduct (): HashMap<Integer, Product>