<u>FN</u>

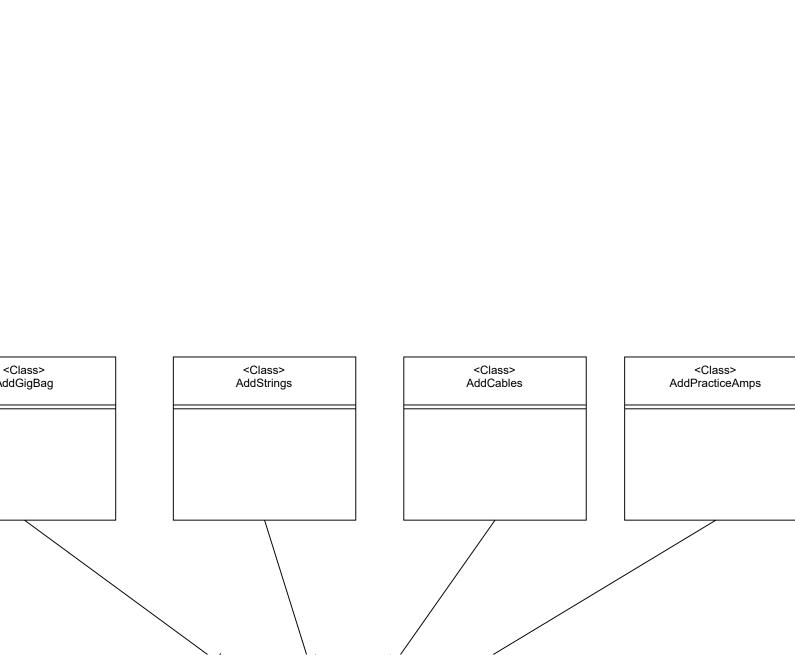
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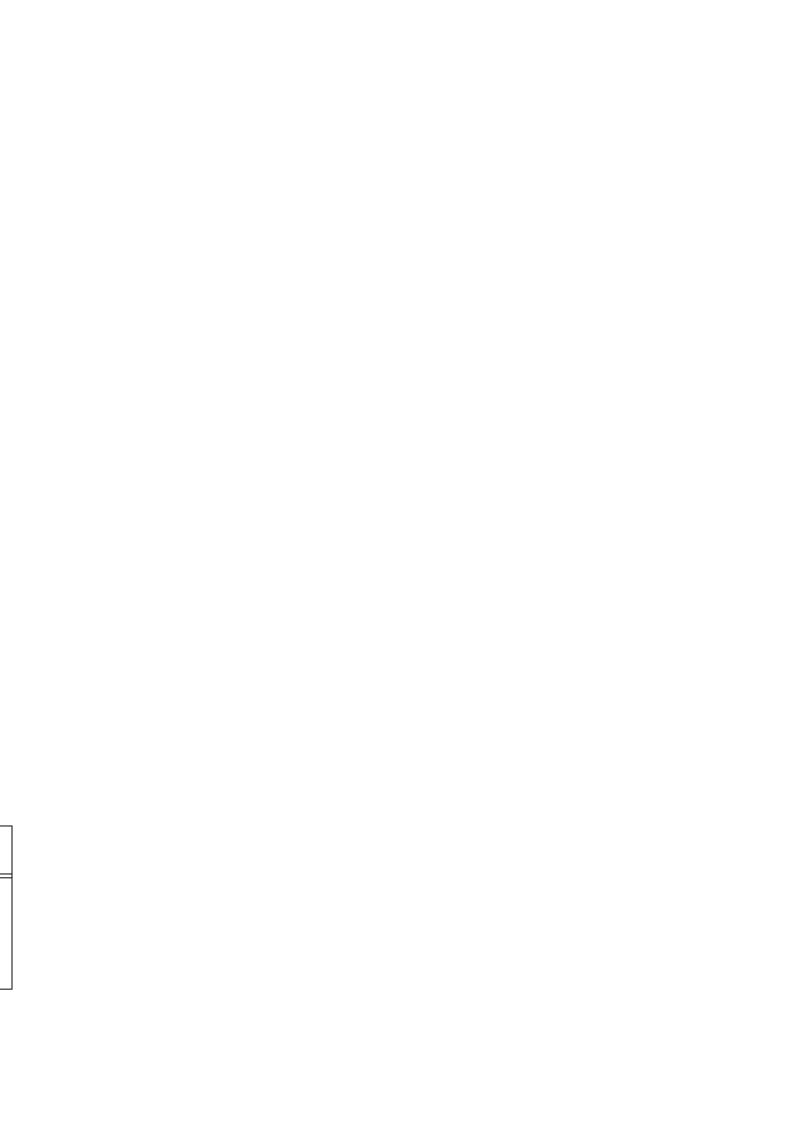
С

IMS Dject 4 UML Team member: Srinivas Akhil Mallela, Likhitha Katakam, Vishal Prabhachandar

olor code

New components





<Abstract Class> GuitarKitFactory

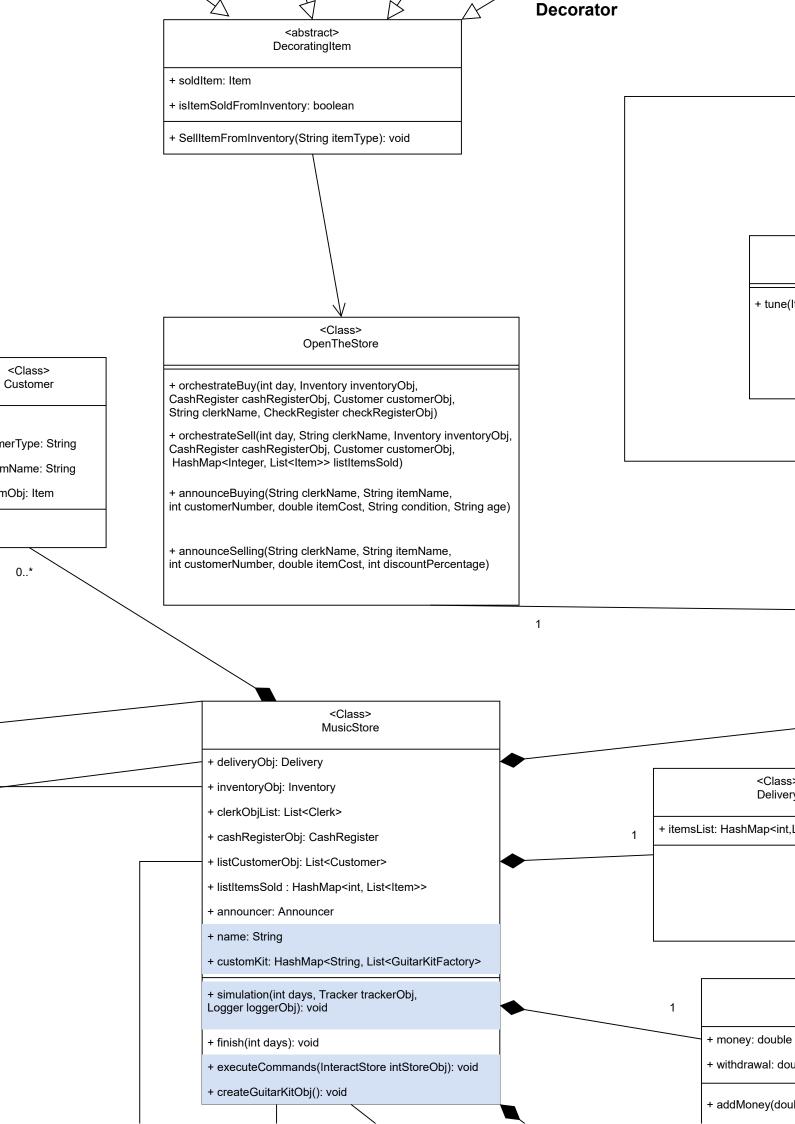
- + createBridge(): Bridge
- + createKnobSet(): KnobSet
- + createCovers(): Covers
- + createNeck(): Neck
- + createPickGuard(): PickGuard

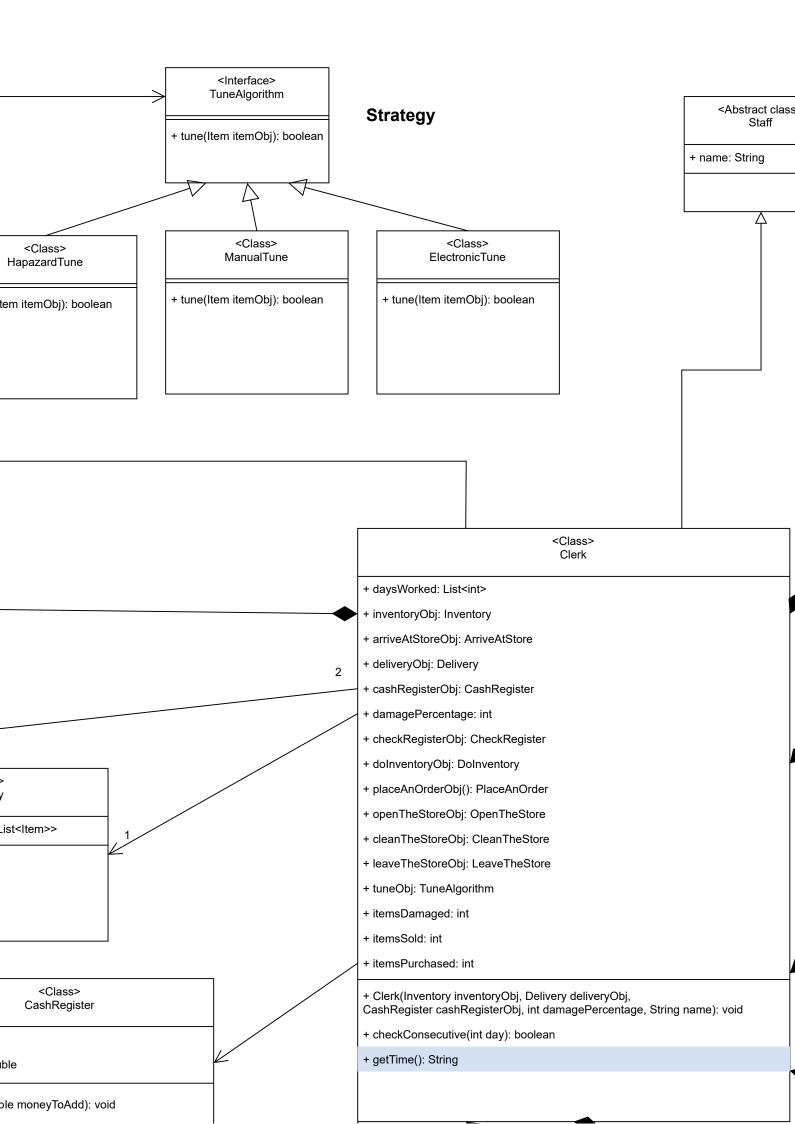
- + randomGen: java.ut
- + getRandomSize(): c
- + getRandomName():
- + getRandomProbabil
- + getRandomBuy(int
- + getRandomClerkOb
- + getRandomCondition
- + getRandomItemtype
- + getRandomPrice(int
- + getRandomInt(int m
- + getItemTypes(): List
- + getRandomBuyCus
- + getRandomProbabil
- + getRandomBoolean

<Static Class> Utils il.Random har String ity(int x): boolean k): boolean j(List<Clerk> clerkObjList): Clerk n(): String es(): List<String> min, int max): double in, int max): int + id: int <String> + custor comers(int min, int max): int + buylte ity(double x): boolean + sellIte : boolean <Class> Announcer myListeners: List<MyListener> + addListener(MyListener toAdd): void + publishEvent(String event, int day): void <Interface> MyListener

Observer

+ static notifyEvent(String event, int day)





<Class> ArriveAtStore

- + announce(int day, String name): void
- + checkDelivery(int day, Delivery deliveryObj, Inventory inventoryObj): void

<Class> CheckRegister

- + checkBalance(int day, CashRegister cashRegisterObj): void
- + checkBalanceInRegister(int day, CashRegister cashRegisterObj): void
- + announce(int day, double amount): void

<Class> Dolnventory

- + checkInventory(Delivery deliveryObj, CashRegister cashRegisterObj, CheckRegisterObj, CheckRegisterObj, Inventory inventoryObj, PlaceAnOrder placeAnOrderObj, int currentDay): int
- + announce(double totalValue): void

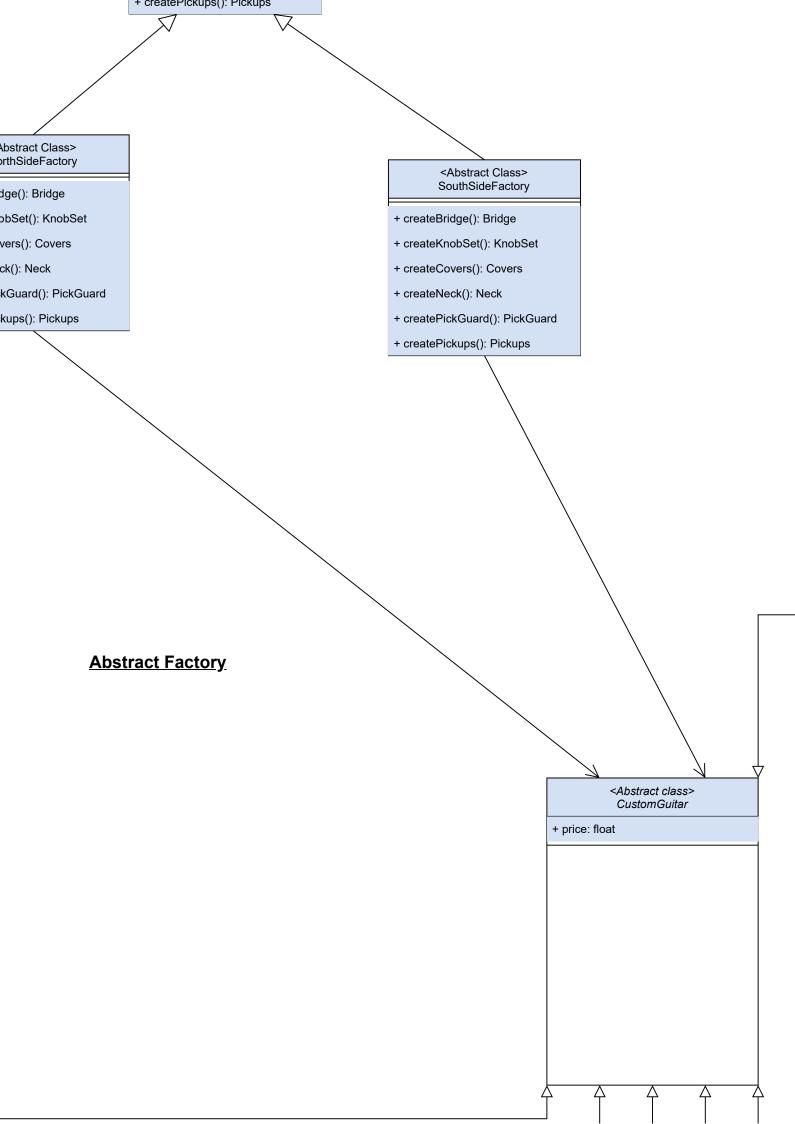
1

<Class> PlaceAnOrder

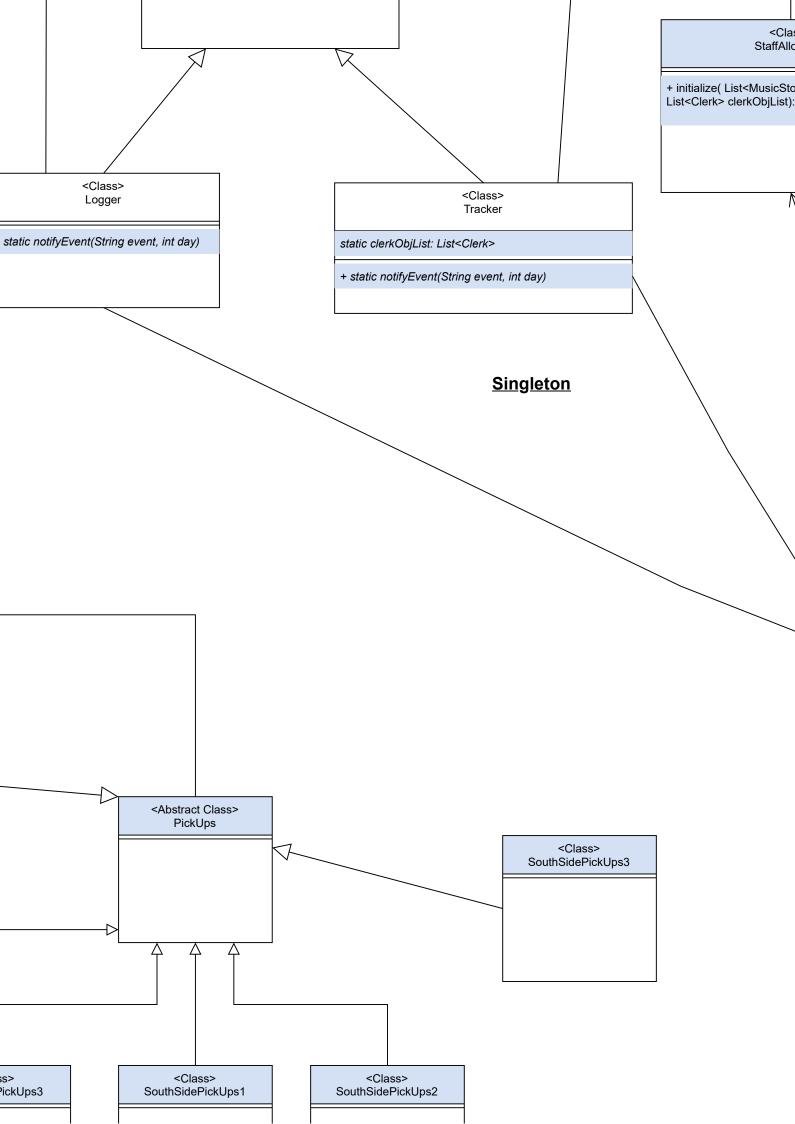
+ orderItem(String itemStr, Delivery deliverObj, CashRegister cashRegisterObj, CheckRegister checkRegObj,int currentDay):void

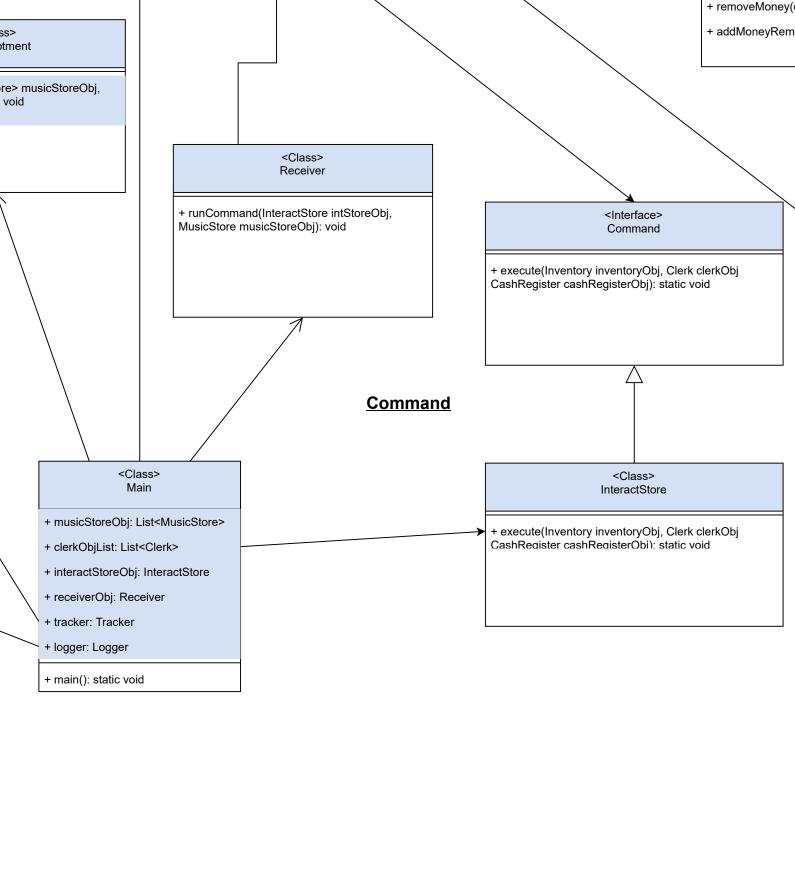
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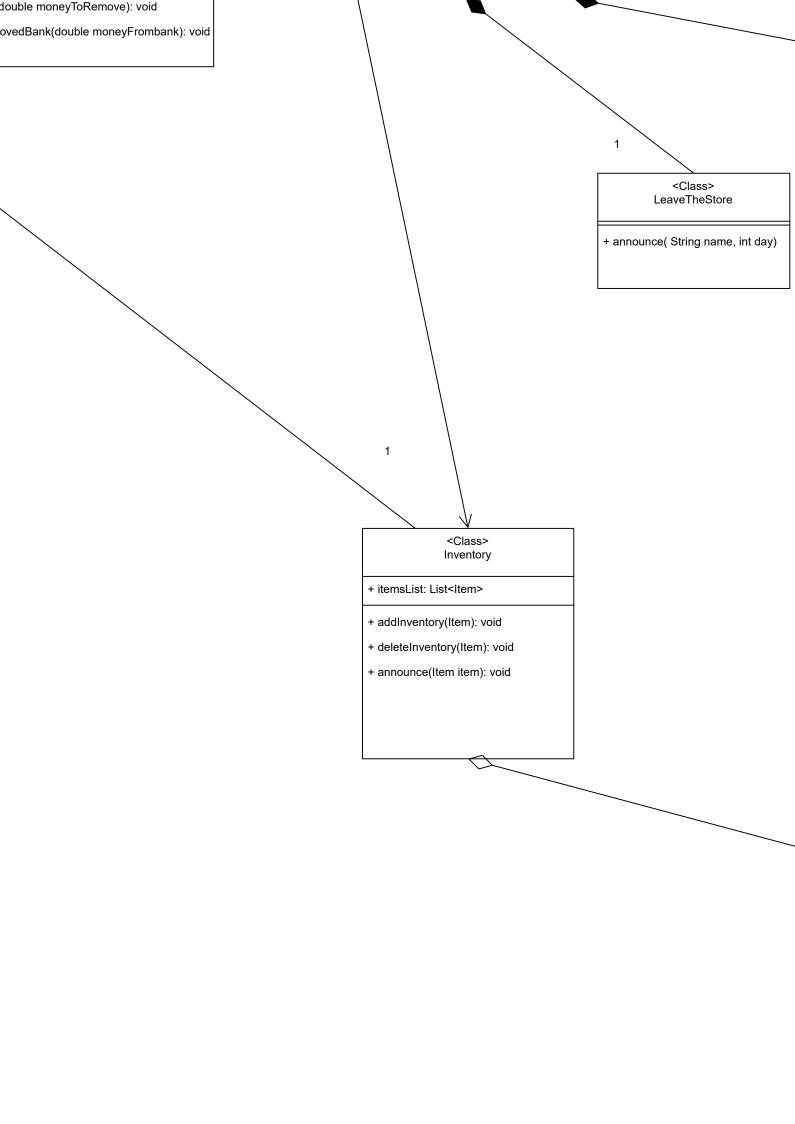
- + createBri
- + createKn
- + createCo
- + createNe
- + createPic
- + createPic



<Class> NorthSidePickUps1 <Class> NorthSidePickUps2 <Class







+ announce(List<Item> itemObjs, int expectedDay, int currentDay): void

1

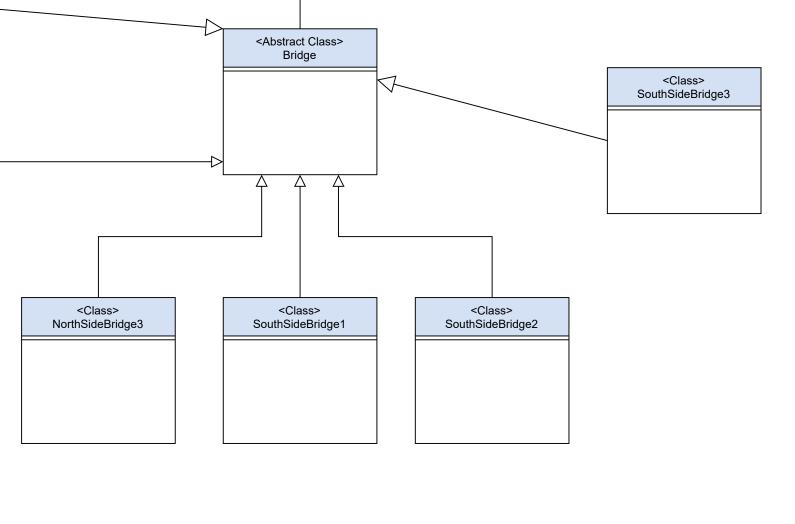
<Class> CleanTheStore

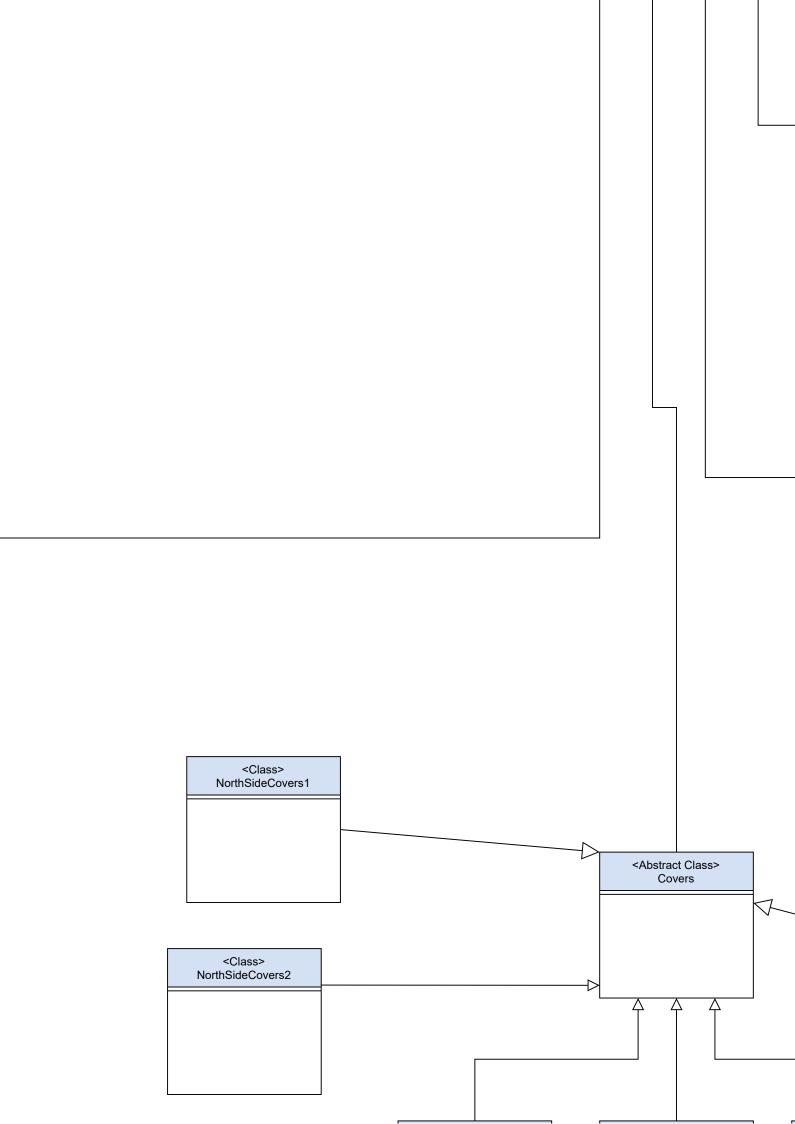
+ announce(int damagePercentage, String itemType, double listPrice, String condition):void

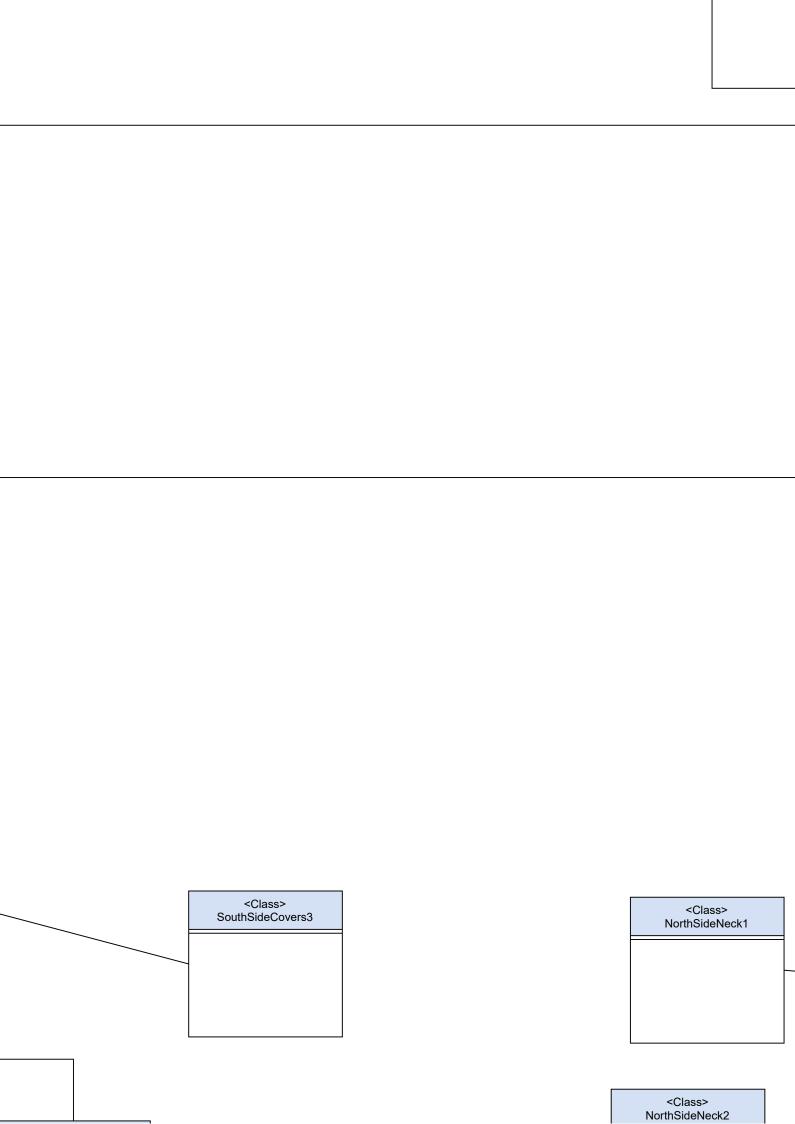
+ orchestrate(int damagePercentage, Inventory inventoryObj):int

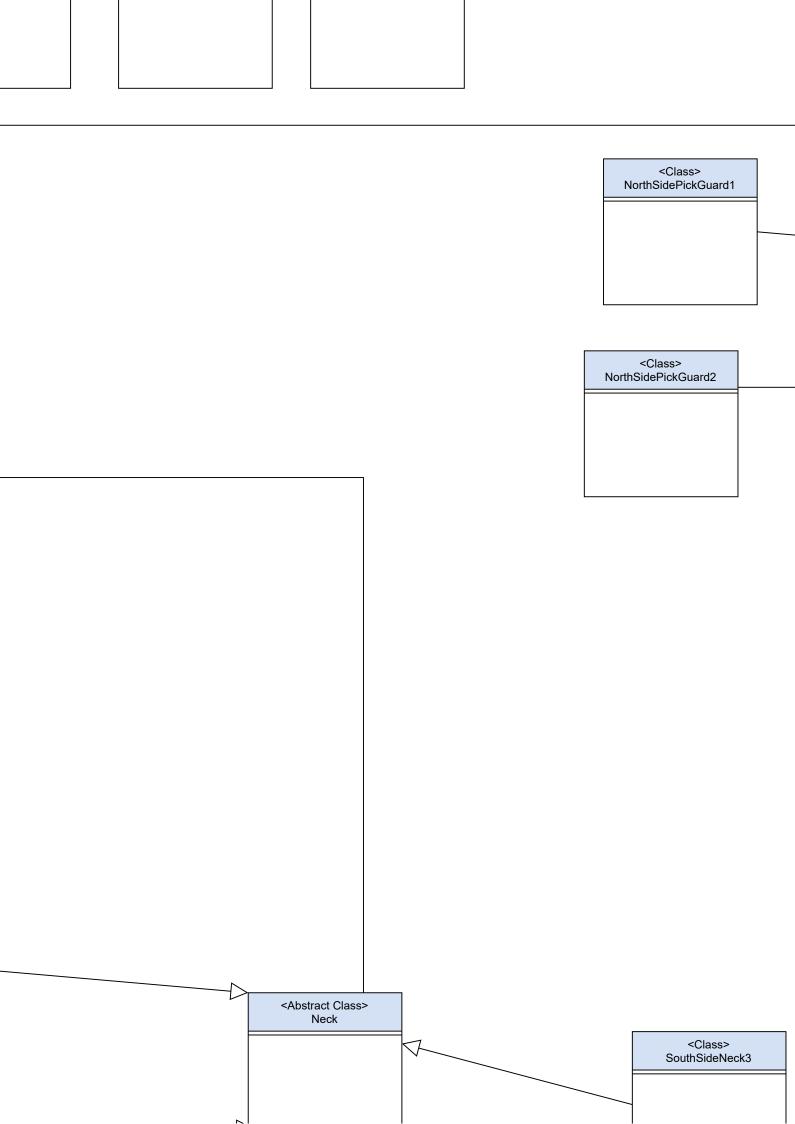
<class> NorthSideBridge2</class>	

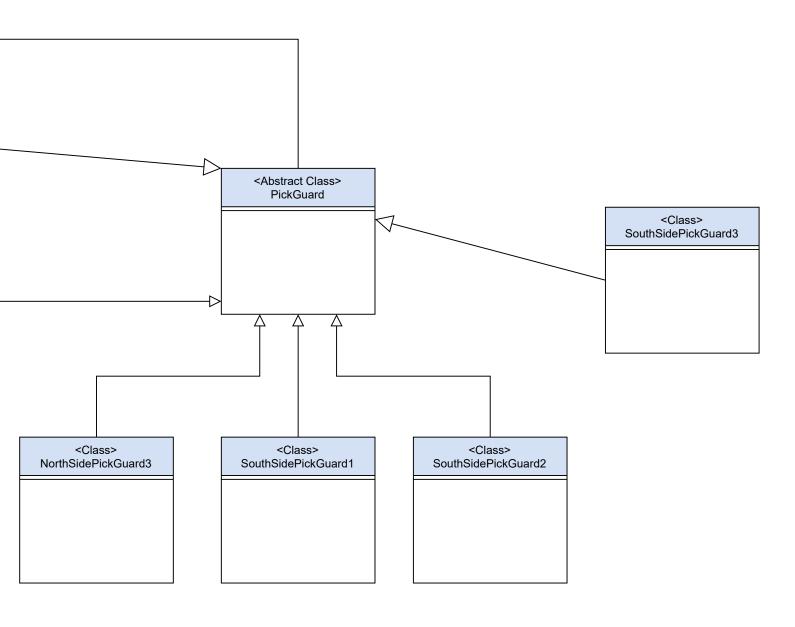
<Class>
NorthSideKnobSet1

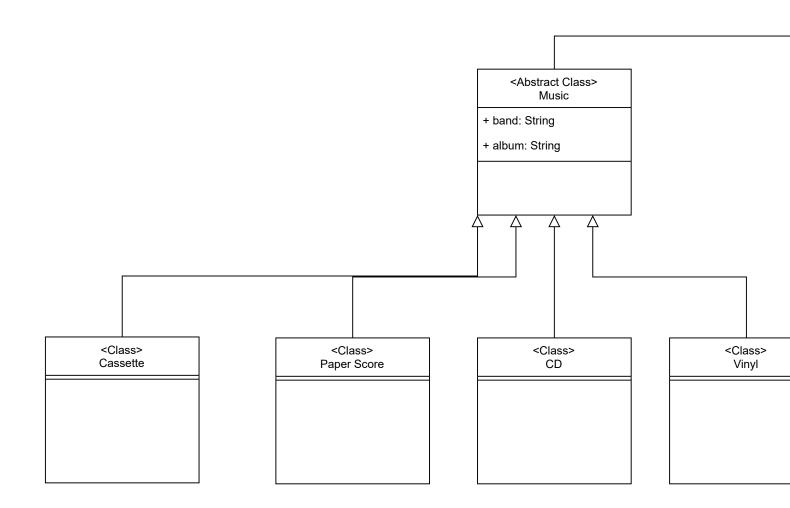


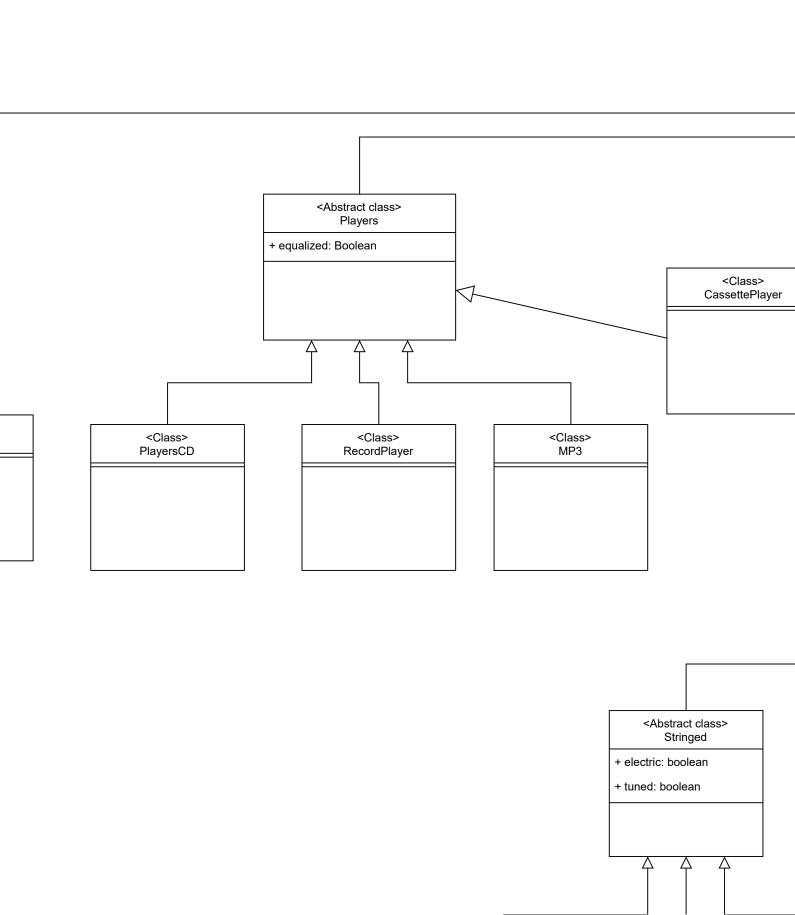


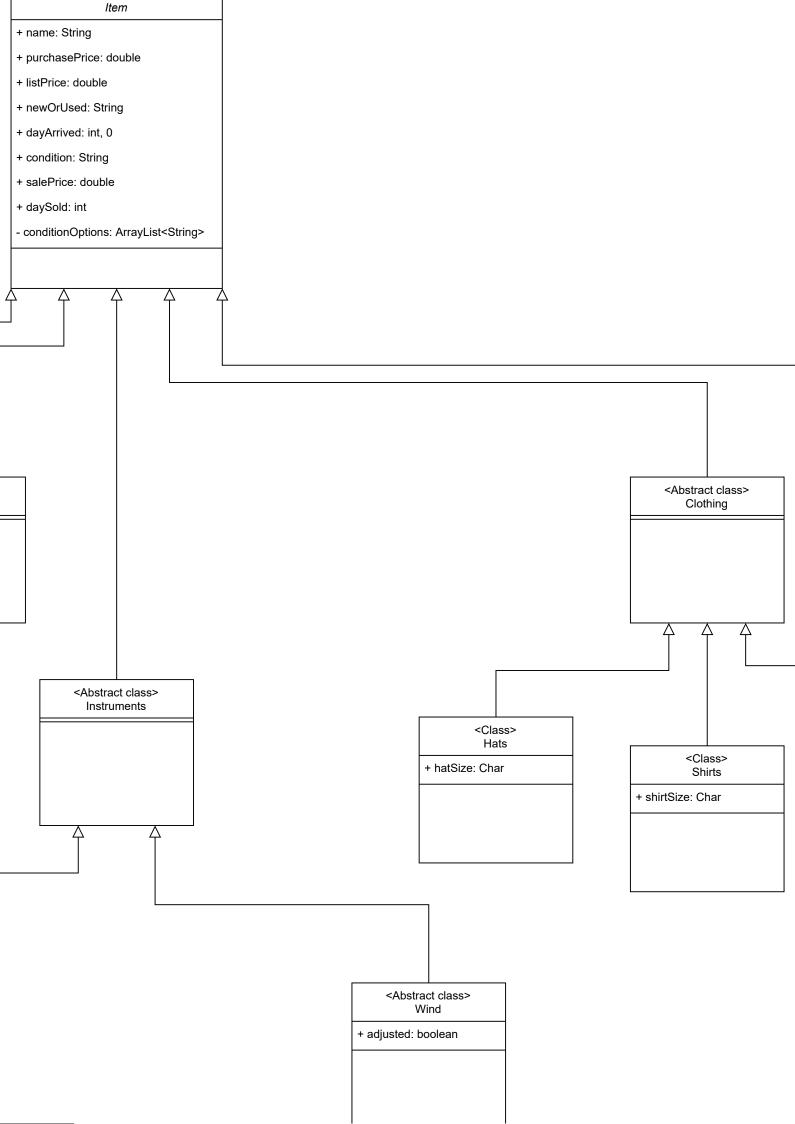


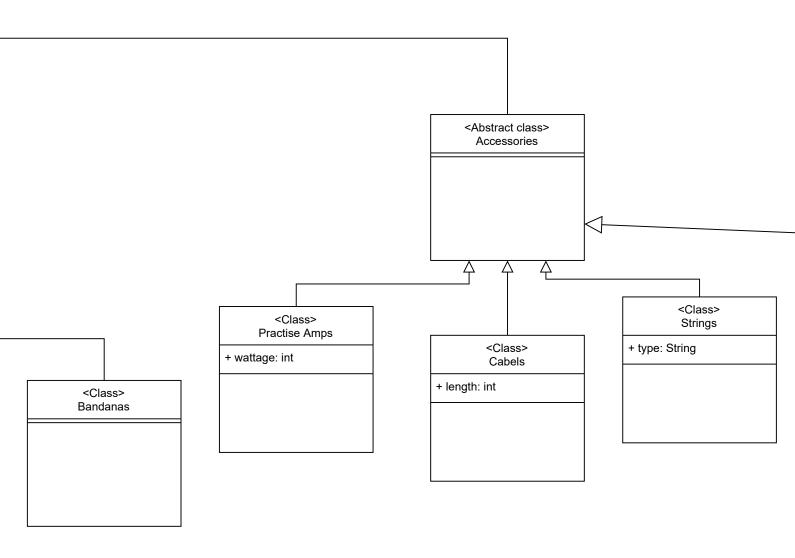




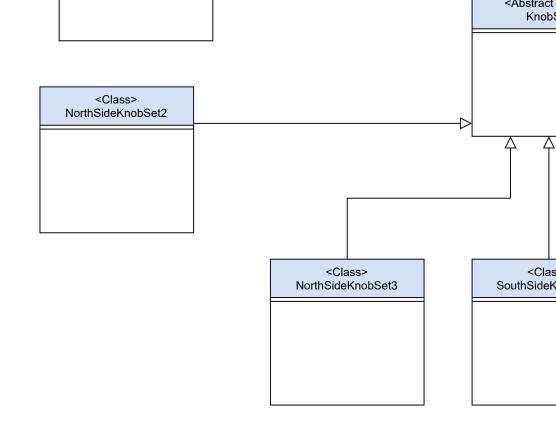


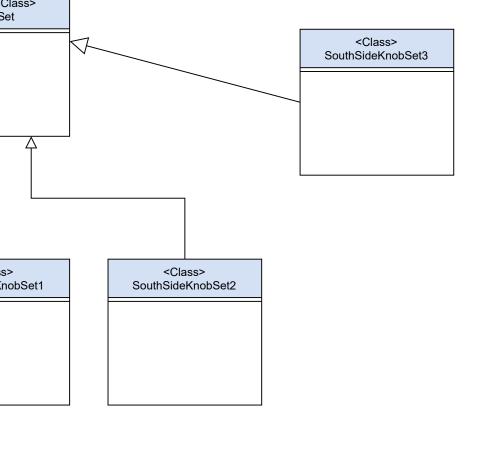






<Class> GigBag





<class> NorthSideCovers3</class>	<class> SouthSideCovers1</class>	



