

ItemPart.java

id:int  
partName:String  
location:String  
quantity:int  
vendor:String  
gateway:Gateway  
observers:ArrayList<ItemObserver>

getPartId():int  
setPartId(int id):void  
String getPartName():String  
setPartName(String partName):void  
getVendor():String  
setVendor(String vendor):void  
getQuantity():int  
setQuantity(int quantity):void  
registerObserver(ItemObserver o):void  
setFields(int pld, String pName, int q: void  
updateDeleted():void  
updateObservers():void

Part.java

id:int  
partNumber:String  
partName:String  
vendor:String  
observers:ArrayList<PartObserver>

getPartId():int  
void setPartId(int id):void  
getPartNumber():String  
setPartNumber(String partNumber):void  
getPartName():String  
setPartName(String partName):void  
getVendor():String  
setVendor(String vendor):void  
registerObserver(PartObserver o):void  
setFields(int pld, String pNum, String pName, String v):void  
updateDeleted():void  
updateObservers():void

Gateway.java

getData():void  
addPartDB(int id, String partName, String vendor, int quantity):void  
updatePartDB(int id, String partName, String vendor, int quantity):void

DB

Templates

Template\_ID  
Part\_ID  
Product\_Number  
Description

Template\_Parts

ID  
Part\_Number  
Part\_Name  
Quantity