# UML Diagram

Item

* - item\_id: String
* - name: String
* - description:String
* - category: String
* - supplier\_name: String
* - contact:int
* - price: double
* - quantity: int
* +setItem\_id
* +setName()
* +setDescription()
* +setCategory()
* +setSupplier-name()
* +setContact()
* +setPrice()
* +getItem\_id
* +getName()
* +getDescription()
* +getCategory()
* +getSupplier-name()
* +getContact()
* +getPrice()
* + to String()
* + equals()
* +findItemByCat()
* totalitem()
* totalitems()

Keys

Public element - ‘+’

Private element – ‘-’

Protected element – ‘#’

Package element – ‘~’

Derived - /

Static - underlined