Client

+ ID:int
- type:String
- wholeGrains:int
- fruitsVeggies:int
- protein:int
- other:int
- calories:int

getters

Hamper

- ArrayList<FoodItem> foodItems
- ArrayList<Client> clients

+ getItems(): ArayList<FoodItem>
+ AddItem(ID:int)
+ getClients(): ArrayList<Client>

1..*

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Application

- ArrayList<Hamper> hampers

+ addHamper()
+ removeHamper(hamper:int)
+ addClient(hamper:int, ID:int)
+ removeClient(hamper:int, ID:int)
+ resetApplication()
+ viewApplication()
+ requestOrderForm(hampers: ArrayList<Hamper>)

IllegalArgumentException

« throws »

FoodItem

- int itemID
- String Name
- int grainContent
- int FVContent
- int proContent
- int otherContent
- int calories

+ getID(): int
+ getName(): String
+ getGrainContent(): int
+ getFVContent(): int
+ getproContent(): int
+ getOtherContent(): int
+ getcalories(): int

Inventory

- ArrayList<FoodItem> foodItems

- removeItem(ID:int)
+
+ calculateOrder(hampers:ArrayList<Hamper>)
+ reportShortages(): String

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