Object Diagram 2

main: Main

controller:PersentationController
InventoryService= inventorySrv
manu = manu

menu: Menu

milk: Category
name = "Milk"
items = ["Shmulick 3% milk"]
parentCategory = null
subCategories = []

defectResponse: Reponse
errorOccurred = false
message = "Defect Entry Added"

return

inventorySrv:InventoryServiceImpl
InventoryController = invntoryController

invntoryController: InventoryController
baseCategory = milk
defectsLogger = defactsLog
supplierDiscount = ["shmulickDiscount"]
Sales = ["newBrandSale"]

shmulickMilk: Item
ID = 158792
name = "Shmulick 3% milk"
category = "milk"
costPrice = 2.00
sellingPrice = 4.00
minAmount = 10
location = "milk location"
manufacturer = "Shmulick"
suppliers = ["Shmulick"]
quantity = shmulickMilkQuantity
supplyTime = 7

defectsLog: DefectsLogger
defects = [milkDefectEntry]

shmulickDiscount: Discount
supplier = "Shmulick"
discount = 0.1
date = 12/12/21
itemCount = 25
item = shmulickMilk

milkDefectEntry: DefectEntry
entryDate = 12/12/21
itemID = 158792
itemName = "Shmulick 3% Milk"
quantity = 5
location = "Storage: A3-L-S13".

milkLocation: Location
storageLocation = "A3-L-S13"
shelfLocation = "A8-R-S26"

newBrandSale: Sale
discount = 0.05
date = (12/12/21, 16/12/21)
item = shmulickMilk

defectLocation: Location
storageLocation = "A3-L-S13"
shelfLocation = ""

shmulickMilkQuantity: Quantity
totalQuantity = 20
shelfQuantity = 15
storageQuantity = 5