

Category
Category ID: String
Category Name: String
Description: String
Get Category Details()
List Products()

(Abstract)
Product
Product ID: String
Name: String
Price: Double
Quantity: Int
update Price()
update Quantity()

Orderline
Order: String
Product: String
Quantity: Int
getSumTotal()

Supplied By

Shipment
ShipID: String
ShipDate: Date
TrackingNo: String
Create Shipment()
Track Shipment()

Order
OrderID: String
Product List: String
Order Date: Date
Stocks
Add Product()
Update Stock()

Supplier
SupplierID: String
Name: String
Contact Info: String
Add Supplier()
update Contact Info()

placing

Purchase Order
PurchaseOrderID: String
Supplier: String
Product List: String
Order Date: Date
place Order()
track Order Status()

overlapping

Invoice
InvoiceID: String
Amount: Double
Display Details

Warehouse

Store

Tracks

Tracks Product

Warehouse
WarehouseID: String
Location: String
Capacity: Int
Check Capacity()
Store Product()
Remove Product()

Inventory
Product: String
Stock Level: Int
Warehouse: String
update Stock Level()
check Stock()

Expired Product
Expire Date: Date
isExpired()

Non Available Product
Availability Date: Date
check Availability()

Stored Products

contains