UML Diagram for Grocery List Manager

User

UserID: Integer
First Name: String
Last Name: String
DOB: Date
Phone: Integer
Email: String

AddUser(int UserID)
RemoveUser(int UserID)
UpdateUser(int UserID)

ItemType

TypeID: Integer
TypeName: String

AddItemType(int TypeID)
RemoveItemType(int TypeID)
UpdateItemType(int TypeID)

Item

ItemID: Integer
ItemName: String
Price: Double

AddAnyItem(int ItemID)
RemoveAnyItem(int ItemID)
UpdateAnyItem(int ItemID)

ItemSearch

TypeName: String
ItemName: String

AddToItemList()
SortByItemType()
SortByItem()

ItemList

UserID: Integer
ListID: Integer
ItemID: Integer
Quantity: Integer

AddItem(int ItemID)
RemoveItem(int ItemID)
UpdateQuantity(int Quantity)

CheckOffItem

ListID: Integer

AddCheckOff(int ItemID)
ClearAllCheckOff()

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1

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