Assignment 5

UML Design for Grocery Shopping Lists

by Yajie Zhang

GroceryList

listName: String

listItems: item [ ]

addItem (String itemName, int quantities)

deleteItem ( )

clearChecked ( )

autoSave ( )

autoSortByType ( )

Customer

ID: int

customerName: String

createList (String list)

deleteList ( )

renameList ( )

selectList ( )

1

Relation

GroceryDB

findItemByName (String name)

addItemDB (String type, String name)

1

Relation

0..n

ItemType

typeName: String

1

Relation

0..n

Item

itemName: String

itemType: String

checkedOff ( )

setQuantities ( )

changeQuantities ( )

0..n