Assigntment 5: Software Design List View Yaohui Chen + List ID + ListName + createList(listName) searchItems + renameList(selectList, newListName) Database of Items + deleteList(listName) + searchItems(itemName):Returns item object ItemsList CRUD for items in DB + Item ID + ItemName + Quantity + addItem(itemName) + deleteItem(itemName) + changeQuantity(itemName) + selectItemsForCheckOff(itemName) + clearCheckOffMarks() Item ItemTypeSet + Item_ID ItemType:List = + ItemName: String [Baby, Beverages, Bakery, + Description Cereal, Soups, Condiments, + isCheckedOff: boolean Snacks, Dairy, Deli, Flowers, + belongingList: String Produce, Seafood, + itemType: String Miscellaneous, Pharmacy 1 + itemNotes: String + addPrice() Creates items by type addItemType(itemTypeName) + changePrice() let's user choose item type Inherits from ItemType ItemType + ItemType : string + newItem: Item

createNewItem(itemType,

itemName)