Static Structure

ShoppingItem

-itemCost : double -itemName : string

-itemPriority: ShoppingPriority

-itemQuantity: integer

+getItemName() : string +setItemName(string) : void

+getIndividualItemCost() : double +setIndividualItemCost(double) : void

+getItemPriority() : ShoppingPriority +setItemPriority(ShoppingPriority) : void

+getItemQuantity() : integer +setItemQuantity(Integer) : void +getTotalItemCost() : double

AutoShopper

+autoShop(): ArrayList<ShoppingItem>

ArrayList<ShoppingItem>

IShoppingList

addItem(ShoppingItem item) getAllItems() : ShoppingItem[]

getByPriority(in priority : ShoppingPriority): ShoppingItem[]

sumTotal() : double

ShoppingList

-shoppingItems : ArrayList<ShoppingItem>

+addItem(in item : ShoppingItem)

+getAllItems() : ShoppingItem[]

+getByPriority(in priority : ShoppingPriority): ShoppingItem[]

DisplayableShoppingList

+sumTotal() : double

-sort()

ShoppingPriority

-High

-Medium -Low