Ecommerce Class Diagram
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model.HomePage

+ scannerIn : Scanner
+ storedPrice : Integer
+ orderProducts : ArrayList<String>
+ checkIfBuy : boolean
- itemNo : int
- name : String
- price : String
- category : String
- size : String
- color : String
- datePosted : String
- UserHomePageChoice : String

+ HomeOption : void

application.CartController

+ allItemsList : ItemsList
+ goHomePage : Scene

+ purchaseclick(ActionEvent event)
+ cartLoad(ActionEvent event)
+ goHome(ActionEvent event)
+ passScene : void

application.HomepageController

+ buyingPage : AnchorPane
- sellingPage : Scene
- productPage : Scene
- buyPage : scene
- shoppingCartPage : Scene

+ clickSell(ActionEvent event)
+ clickproductpage(ActionEvent event)
+ clickBuy(ActionEvent event)
+ clickCart(ActionEvent event)

application.BuyController

+ allItemsList : ItemsList
+ goHomePage : Scene

+ loadThis(ActionEvent event)
+ buyThis(ActionEvent event)
+ clickHome(ActionEvent event)
+ passPage(Scene homeScene)

model.Main

+ main()

model.ItemList

+ scannerIn : Scanner
+ productList : ArrayList<String>
+ productListBuy: ArrayList<String>
+ Itemlist:singleton

+ HomeOption : String
+ Itemlist():
+ getItemsList():Item
+ setItemsList():void
+ setAddItem():void
+ getItems():ArrayList<String>
+ displayItem():void
+ buyItem():void
+ shoppingcartItems():void
+ getshoppingCartItems:ArrayList<String>
+ shoppingCartItemsPrice():double

application.LoginController

- applicationtester : applicationtester

+ clickloginb(ActionEvent event)
+ linkWithApplication() : void

model.UserProfile

+username:string
+ scannerIn : Scanner
+email:string
+Firstname:string
+Lastname:string
+applicationtester:applicationtester

+getUsername():string
+setUsername():void
+getEmail():string
+setEmail():string
+getFirstName():string
+setFirstName():void
+getLastNmae():string
+setLastName():void
+linkWithApplication():void

application.EndController

+ clickexit(ActionEvent event)

model.Item

+ scannerIn : Scanner
+ itemNo:SimpleIntegerProperty
+ name:SimpleStringProperty
+price:SimpleStringProperty
+ category:SimpleStringProperty
+size:SimpleStringProperty
+ color:SimpleStringProperty
+datePosted:SimpleStringProperty

+Item():
+setItemNo():void
+getitemNo:int
+getName():String
+setName():void
+getPrice():String
+setPrice():void
+getCategory():String
+setCategory():void
+getColor():string
+setColor():void
+getDataPosted():String
+setDataPosted():void
+getSize():string
+setSize():void
+toString():string

application.applicationtester

+primaryStage:Stage

+setupView():void
+start():void
+main()

application.SellItemController

+ Itemlist1 : ItemsList
+ goHomePage : Scene

+ saveitems(ActionEvent event)
+ clearitem(ActionEvent event)
+ clickhomepage(ActionEvent event)
+ clickproductpage(ActionEvent event)

application.ProductController

+ allItemsListHome : ItemsList
+ Homepage_parent : AnchorPane
+ allItemsList : ItemsList
+ goHomePage : Scene

+ AddItems(ActionEvent event)
+ clickhomepage(ActionEvent event)
+ loaddata(ActionEvent event)
+ passPage(Scene homeScene)