UML Class Diagram
0.0.7

User

-userID: int
-password: string
-loginStatus: string
-registerDate: date
-email: string

+ verifyLogin(): bool
+register()
+login()

Customer

-customerName: string
-address: string

+updateProfile()

Admin

-adminName: string

+updateCatalog(): bool
+deleteUser()
+viewUserData()
+createNewProduct()
+updateProductInfo()
+deleteProduct()
+addProductPicture()
+deleteProductPicture()
+addProductPrice()

CartItem

-productID: int
-quantity: int
-dateAdded: int

ShoppingCart

-cartID: int

+addCartItem()
+deleteCartItem()
+getItems(): List<CartItem>
+checkOut()
+updateItemQuantity
+calculateTotal(): float

Orders

-orderID: int
-dateCreated: string
-status: string
-shippingAddress: string

Order Details

-subtotal: float
-quantity: int
-productID: int

WishlistItem

-productID: int
-quantity: int
-dateAdded: int

Wishlist

-wishlistID: int

+addWishlistItem()
+deleteWishlistItem()
+updateItemQuantity
+getItems(): List<WishlistItem>

Product

-productID: int
-productName: string
-description: string
-price: float
-stockQuantity: int
-imageURL: string

+getPrice(): float
+isInStock(): bool
+updateStock(quantity: int)

Category

-categoryID: int
-categoryName: string

-

parent   parent

child   child

child

1

1

1

0..*

1

<<create>>

Use

0..*

1