Lab 4 - Part 1: Component-Based Redesign (Webshop)

Shopping Component

IShoppingCartAPI
(REST)

- addToShoppingCart(cmd: AddToCartDTO): void
- getShoppingCart(cartId: String): ShoppingCartDTO

REST call

Product Component

IProductAPI
(REST)

- addProduct(product: ProductDTO): void
- getProduct(productNumber: String): ProductDTO
- updateProductPrice(productNumber: String, newPrice: MoneyDTO): void

Product Component Internals

ProductController

ProductService

ProductRepository

Product

Stock   Money   Review   Supplier

Shopping Component Internals

ShoppingCart   ShoppingCartController

CartLine   ShoppingCartService

ProductDetails   ShoppingCartRepository