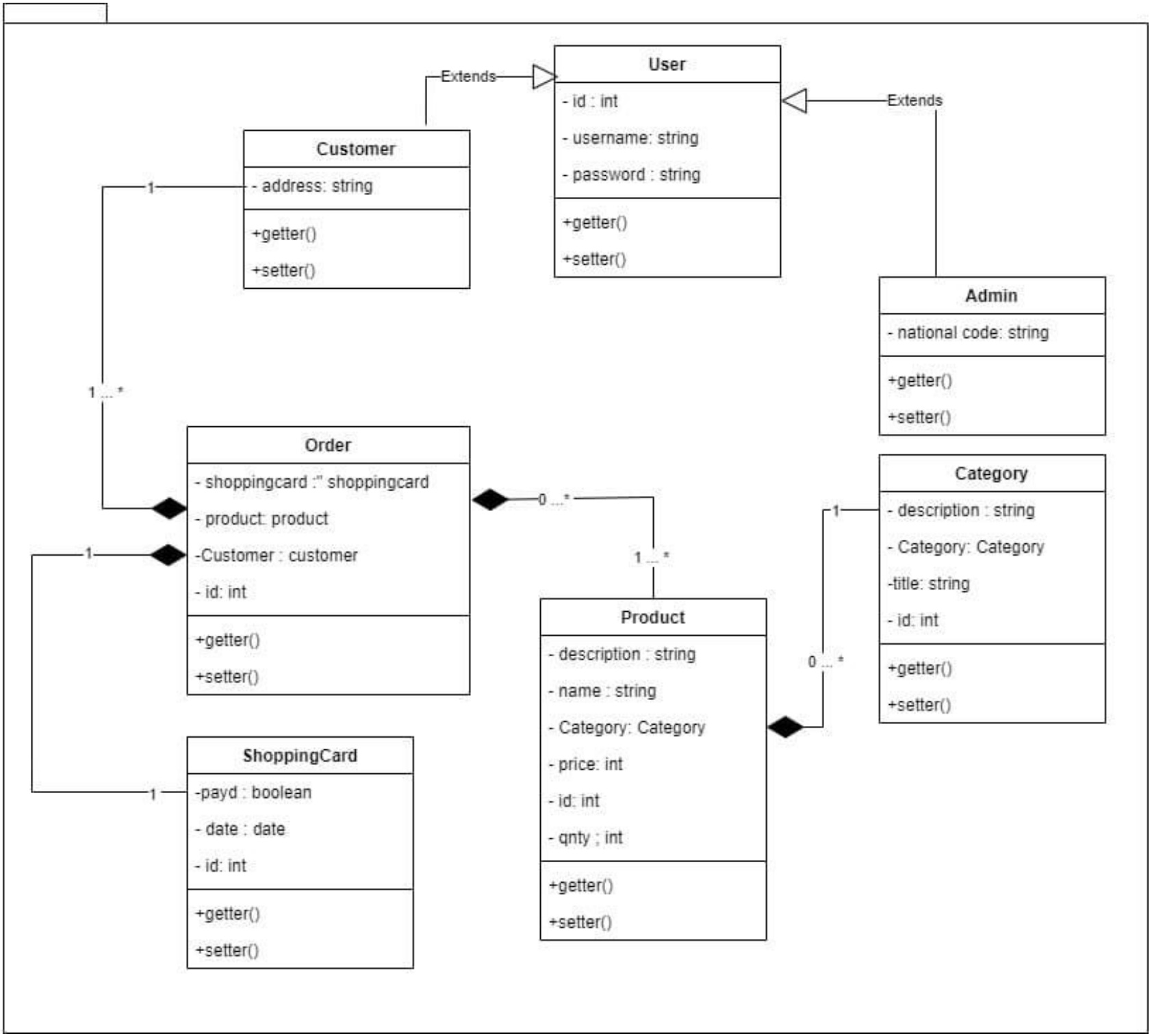
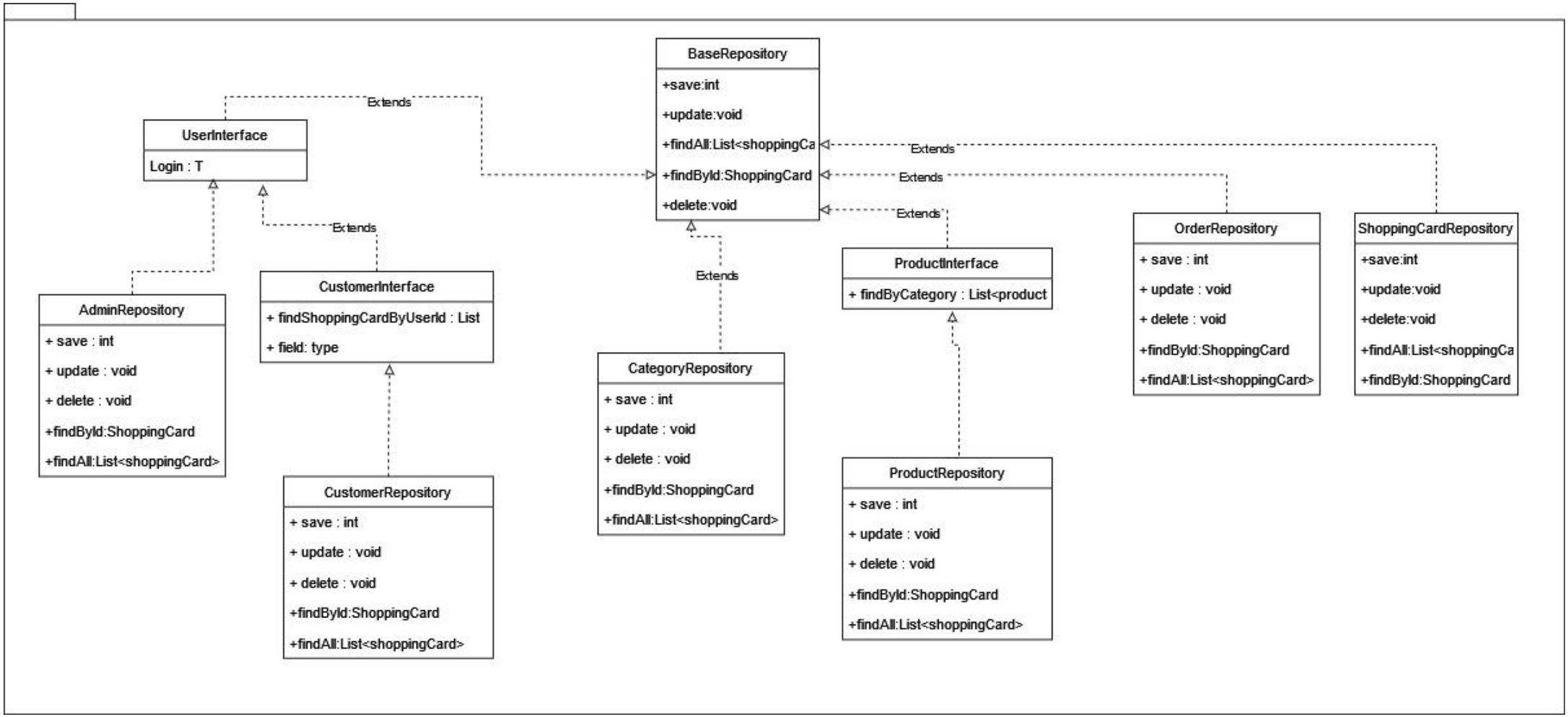
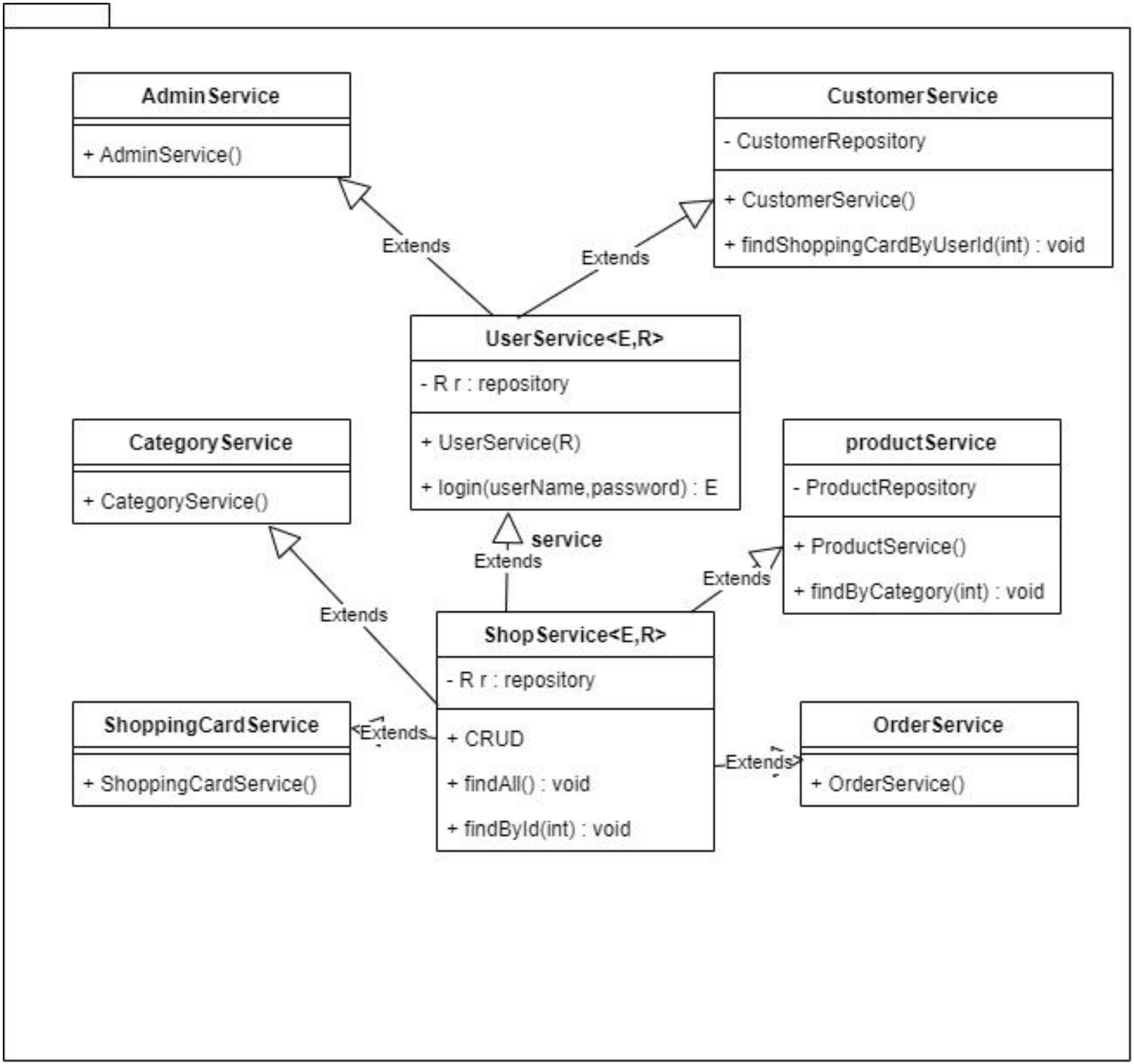

User
- id : int
- username: string
- password : string
+getter()
+setter()
Extends
Customer
- address: string
+getter()
+setter()
Extends
Admin
- national code: string
+getter()
+setter()
1
1 ... *
Order
- shoppingcard :" shoppingcard
- product: product
-Customer : customer
- id: int
+getter()
+setter()
0 ...*
1 ... *
1
Product
- description : string
- name : string
- Category: Category
- price: int
- id: int
- qnty ; int
+getter()
+setter()
1
0 ... *
Category
- description : string
- Category: Category
-title: string
- id: int
+getter()
+setter()
1
ShoppingCard
-payd : boolean
- date : date
- id: int
+getter()
+setter()


BaseRepository
+save:int
+update:void
+findAll:List<shoppingCa
+findById:ShoppingCard
+delete:void
UserInterface
Login : T
Extends
Extends
Extends
Extends
Extends
Extends
AdminRepository
+ save : int
+ update : void
+ delete : void
+findById:ShoppingCard
+findAll:List<shoppingCard>
CustomerInterface
+ findShoppingCardByUserId : List
+ field: type
CustomerRepository
+ save : int
+ update : void
+ delete : void
+findById:ShoppingCard
+findAll:List<shoppingCard>
CategoryRepository
+ save : int
+ update : void
+ delete : void
+findById:ShoppingCard
+findAll:List<shoppingCard>
ProductInterface
+ findByCategory : List<product
ProductRepository
+ save : int
+ update : void
+ delete : void
+findById:ShoppingCard
+findAll:List<shoppingCard>
OrderRepository
+ save : int
+ update : void
+ delete : void
+findById:ShoppingCard
+findAll:List<shoppingCard>
ShoppingCardRepository
+save:int
+update:void
+delete:void
+findAll:List<shoppingCa
+findById:ShoppingCard


AdminService
+ AdminService()
CustomerService
- CustomerRepository
+ CustomerService()
+ findShoppingCardByUserId(int) : void
Extends
Extends
UserService<E,R>
- R r : repository
+ UserService(R)
+ login(userName,password) : E
CategoryService
+ CategoryService()
productService
- ProductRepository
+ ProductService()
+ findByCategory(int) : void
service
Extends
Extends
Extends
ShopService<E,R>
- R r : repository
+ CRUD
+ findAll() : void
+ findById(int) : void
ShoppingCardService
+ ShoppingCardService()
Extends
Extends
OrderService
+ OrderService()