Roles

- role_id:int
+ name:string
+ description:string

+ getRole(role_id):Roles
+ createRole(Roles):Roles
+ updateRole(Roles):Roles
+ deleteRole(role_id)

Users

- user_id:int
+ name:string
+ last_name:string
+ username:string
- email:string
- phone:string
- password:string
- role_id:int

+ getUser(user_id):Users
+ getUserLogin(email, password):Users
+ createUser(Users):Users
+ updateUser(Users):Users
+ deleteUser(user_id)

ShippingAddress

- shipping_address_id:int
+ name:string
+ street_number:string
+ route:string
+ postal_code:string
+ locality:string
- administrative_area_level_1:string
+ country:string
- user_id:int

+ getShippingAddress(shipping_address_id):ShippingAddress
+ getAllShippingAddress():ShippingAddress
+ createShippingAddress(ShippingAddress):ShippingAddress
+ updateShippingAddress(ShippingAddress):ShippingAddress
+ deleteShippingAddress(shipping_address_id)

Cards

- card_id:int
+ name:string
- number:int
- mask_type:int
- expiry_mount:int
- expiry_year:int
- cvc:int
- postal_code:int
- user_id:int

+ getCard(card_id):Cards
+ createCard(Cards):Cards
+ updateCard(Cards):Cards
+ deleteCard(card_id)

Sales

- sale_id:int
- shipping_address_id:int
+ create_at:datetime
+ total:double
- sale_status_id:int
- card_id:int

+ getSale(sale_id):Sales
+ createSale(Sales):Sales
+ updateSale(Sales):Sales
+ deleteSale(sale_id)

SaleProducts

- sale_products_id:int
- sale_id:int
- inventory_id:int
+ amount:int

+ getSaleProduct(sale_products_id):SaleProducts
+ createSaleProduct((SaleProducts):SaleProducts
+ updateSaleProduct((SaleProducts):SaleProducts
+ deleteSaleProduct(sale_products_id)

BranchOffice

- branch_office_id:int
+ name:string
+ street_number:string
+ route:string
+ postal_code:string
+ locality:string
- administrative_area_level_1:string
+ country:string

+ getBranchOfficer(branch_office_id):BranchOffice
+ getAllBranchOfficer():BranchOffice
+ createBranchOffice(BranchOffice):BranchOffice
+ updateBranchOffice(BranchOffice):BranchOffice
+ deleteBranchOffice(branch_office_id)

SaleStatus

- sale_status_id:int
+ name:string

+ getSaleStatus(sale_status_id):SaleStatus
+ createSaleStatus(SaleStatus):SaleStatus
+ updateSaleStatus(SaleStatus):SaleStatus
+ deleteSaleStatus(sale_status_id)

Categories

- category_id:int
+ name:string
+ description:string

+ getCategory(category_id):Categories
+ createCategory(Categories):Categories
+ updateCategory(Categories):Categories
+ deleteCategory(category_id)

Products

- product_id:int
+ name:string
+ price:double
+ discount_price:double
+ description:string
+ category_id:int
+ image_route:string

+ getProduct(product_id):Products
+ getAllProducts():Products
+ getCategoryProducts(category_id):Products
+ createProduct(Products):Products
+ updateProduct(Products):Products
+ deleteProduct(product_id)

Inventories

- inventory_id:int
- branch_office_id:int
- product_id:int
+ amount:int

+ getProduct(product_id):Products
+ getAllProducts():Products
+ getCategoryProducts(category_id):Products
+ createProduct(Products):Products
+ updateProduct(Products):Products
+ deleteProduct(product_id)