Availability

+ id: int
+ availability_code: string

+ create(array): Avaiability
+ update(arrat): Avaiability

DeliveryMan

+ id:int
+ name: string
+ status: int = 1
+ phone:string
+ comission_percentage: float
+ availability: int = 1

+ create(array): DeliveryMan
+ disable():DeliveryMan
+ getDeliveries(): array

CartShipping

+ id:int
+ price: float
+ customer_id:int
+ address_id:int
+ deliveryman_id:int
+ estimated_delivery: string

+ create(array)
+ update(array)

OrderShipping

+ id: int
+ price:float
+ customer_id: int
+ address_id: int
+ deliveryman_id:int
+ estimated_delivery: string

+ save(CartShipping): OrderShipping

ComponentItem

+ id:int
+ base_amount:float = 0.0
+ amount: float = 0.0
+ product_id: int
+ component_id: int
+ cart_item_id:int

+ create(Component, product)
+ update(Component, product)
+ delete(Component, product)

CartItem

+ id: int
+ product_id: int
+ quantity_ordered: int = 1
+ base_amount: float = 0.0
+ amount: float = 0.0
+ base_discount: float = 0.0
+ discount: float = 0.0
+ base_total: float = 0.0
+ total: float = 0.0

+ create(product, quantity): CartItem
+ update(product, quantity): CartItem
+ getComponent(): array

OrderItem

+ id:int
+ product_id: int
+ quantity_ordered: int = 1
+ base_amount: float = 0.0
+ amount: float = 0.0
+ base_discount: float = 0.0
+ discount: float = 0.0
+ base_total: float = 0.0
+ total: float = 0.0

+ save(cartItem) : OrderItem

Address

+ street: string
+ neighborhood: string
+ number: string
+ city: string
+ State: string
+ complement: string

+ update(array): Address
+ delete() : Address

Customer

+ id: int
+ name:string
+ sobrenome: string
+ email: string - unique
+ password: string

+ authenticate(email, password) : bool
+ register(data) : Customer
+ update(data) : Customer
+ logout() : void
+ changePassword(): bool
+ recoverPassword() : void
+ createCart () : Cart
+ getCart () : Cart
+ createAddress (array) : Address
+ getAddress() : Address
+ getOrders(): array

Cart

+ id: int
+ customer_id: int
+ product_id: int
+ base_amount: float = 0.0
+ amount: float = 0.0
+ base_discount: float = 0.0
+ discount: float = 0.0
+ base_grand_total: float = 0.0
+ grand_total: float = 0.0
+ rules: json|string
+ created_at: timestamp = now()
+ update_at: timestamp = now()
+ estimated_creation: string

+ addItem(CartItem): Cart
+ removeItem(CartItem): Cart
+ deleteItem(CartItem): Cart
+ collect(): Cart
+ getCart(): array
+ addCoupon(coupon) : Cart
+ getItems(): array
+ addComponentToItem(componentId, cartItem): Cart
+ removeComponentToItem(componentId, cartItem): Cart
+ getComponents(): array

Order

+ id: int
+ customer_id: int
+ cart_id: int
+ status: int = 1
+ base_grand_total: float = 0.0
+ grand_total: float = 0.0
+ base_discount: float = 0.0
+ discount: float = 0.0
+ base_grand_total: float = 0.0
+ grand_total: float = 0.0
+ rules: json|string
+ created_at: timestamp = now()
+ update_at: timestamp = now()

+ save(): Order
+ get(orderId): Order
+ changeStatus(orderId, newStatus): Order
+ getItems(): array
+ getEstimateCreateAndDelivey(): string
+ getShippinh(): OrderShipping

OrderStatus

+ id: int
+ status_code: string

+ create(statusCode): OrderStatus
+ delete(statusCode): bool

Category

+ id:int
+ name:string
+ status: bool = 1

+ get(categoryId): Category
+ create(array): Category
+ update(array): Category
+ delete(array): bool
+ disable(categoryId): Category
+ enable(categoryId): Category
+ addProduct(product): Category
+ removeProduct(product): Category
+ getProducts(): array

Product

+ id : int
+ name: string
+ price :float
+ description: string
+ status: bool = true
+ creation_time: string

+ create (data) : Product
+ update (data) : Product
+ get(productId) : Product
+ delete (productId) : bool
+ getStatus() : string
+ getCategory(): string

Component

+ id: int
+ name: string
+ price: float

+ create (data) : Product
+ update (data) : Product
+ get(productId) : Product
+ delete (productId) : bool

Categories_Products

+ id: int
+ category_id: int
+ product_id: int