

## Estore

- customer: Customer
- seller: Seller
- admin: Admin

## User

- age: int
- emailAddress: String
- homeAddress: String
- name: String
- password: String
- phone: String

## Customer

- billingInfo: BillingInformation
- cart: ShoppingCart

## Seller

## Admin

## ShoppingCart

- items: List<Item>

## Item

- quantityOfProduct: int
- product: Product

## Product

- productId: int
- productName: String
- price: double
- productDescription: String
- category: ProductCategory

## <<enumeration>> ProductCategory

ELECTRONICS  
GROCERIES  
UTENSILS  
CLOTHING

## BillingInformation

- phoneNumber: String
- recieverName: String
- deliveryAddress: String
- creditcardInfo: CreditCardInformation

## CreditCardInformation

- cvv: String
- cardExpirationDate: String
- creditCardNumber: String
- cardName: String
- cardType: CardType

## <<enumeration>> Cardtype

MASTER\_CARD: Address  
VISA\_CARD: Address  
VERVE: Address  
AMERICA\_EXPRESS: Address

## Address

- cityName: String
- countryName: String
- houseNumber: String
- street: String
- state: String