1- User

attributes

Attribute name	Notes
_Id *	Number, read only, auto-increment
name*	String, min 3 max 30
email*	String, unique mail
password*	String, min 3 max 20
Role*	Enum ["Admin", "User"]
Avatar	String, Optional
Age	Number, Optional
Phone Number	Number, Mobile Phone, Length 11(Just EG Numbers), Optional
Address	String, Optional
Active	Boolean, Enum [False, True]
Verification Code	String
gender	String, Enum ["male", "female"]
timestamps*	Date, auto-increment

Business Operations

Business Operation: For Admin **(create/ update/ delete/ Get All/ Get One)**

Business Operation: User **(delete/ Get One)**

2- Category

attributes

Attribute name	Notes
_Id *	Number, read only, auto-increment
name*	String, min 3 max 30
image	String, URL
timestamps*	Date, auto-increment

Business Operations

Business Operation: For Admin **(create/ update/ delete/ Get All/ Get One)**

Business Operation: User **(Get)**

3- Sub Category

attributes

Attribute name	Notes
_Id *	Number, read only, auto-increment
name*	String, min 3 max 20
category*	Object ID **Ref**: "Categorie"
timestamps*	Date, auto-increment

Business Operation: For Admin **(create/ update/ delete/ Get All/ Get One)**

Business Operation: User **(Get)**

4- Review

attributes

Attribute name	Notes
_Id *	Number, read only, auto-increment
reviewText*	String, min 3
Rating*	Number, Min 1, Max 5
user*	Object ID **Ref**: "User"
Product*	Object ID **Ref**: "Product"
timestamps*	Date, auto-increment

Business Operations

Business Operation: For Admin **(create/ update/ delete/ Get All/ Get One)**

Business Operation: User **(create/ update/ delete/ Get)**

5- Brand

attributes

Attribute name	Notes
_Id *	Number, read only, auto-increment
name*	String, Min 3, Max 100
image	String, URL
timestamps*	Date, auto-increment

Business Operations

Business Operation: For Admin **(create/ update/ delete/ Get All/ Get One)**

Business Operation: User **(Get)**

6- Cart

attributes

Attribute name	Notes
_Id *	Number, read only, auto-increment
Cart Items*	List Of Product (Object ID Ref:"Product"), (_Id, quantity: 1, color, price)
Total Cart Price	Number
totalPriceAfterDiscount	Number
Coupons	List Of String
User	Object ID Ref:"User"
timestamps*	Date, auto-increment

Business Operations

Business Operation: For Admin **(Get All/ Get One)**

Business Operation: User **(create/ update/ delete/ Get One)**

7- Coupon

attributes

Attribute name	Notes
_Id *	Number, read only, auto-increment
name*	String
Expirdate*	Date
Discount*	Number, Min 0
timestamps*	Date, auto-increment

Business Operations

Business Operation: For Admin **(create/ update/ delete/ Get All/ Get One)**

8- Product

attributes

Attribute name	Notes
_Id *	Number, read only, auto-increment
title*	String, min 3
description*	String, min 20
quantity*	Number, min 1, max 500, default: 1
Image Cover*	String, URL
Images	List Of String, URL
sold	Number, default: 1
Price*	Number, Min1, Max 20000
Price After Discount	Number, Min 1, Max 20000
color	List Of String
Category*	Object ID **Ref**: "Categorie"
Sub Category	Object ID **Ref**: "SubCategorie"
brand	Object ID **Ref**: "Brand"
Ratings Average	Number, default: 0
Ratings Quantity	Number, default: 0
timestamps*	Date, auto-increment

Business Operations

Business Operation: For Admin **(create/ update/ delete/ Get All/ Get One)**

Business Operation: User **(Get)**

9- Request Product

attributes

Attribute name	Notes
_Id *	Number, read only, auto-increment
titleNeed*	String
details*	String, Min 5

qauntity*	Number, Min 1
Category	String
User	Object ID Ref:"User"
timestamps*	Date, auto-increment

Business Operations

Business Operation: For Admin **(Get All/ Get One)**

Business Operation: User **(create/ update/ delete/ Get One)**

10- Suppliers

attributes

Attribute name	Notes
_Id *	Number, read only, auto-increment
Name*	String
website*	String, URL
timestamps*	Date, auto-increment

Business Operations

Business Operation: For Admin **(create/ update/ delete/ Get All/ Get One)**

Business Operation: User **(Get)**

11- Texes

attributes

Attribute name	Notes
_Id *	Number, read only, auto-increment
texPrice	Number
shippingPrice	Number
timestamps*	Date, auto-increment

Business Operations

Business Operation: For Admin **(create/ update/ delete/ Get All/ Get One)**

Business Operation: User **(Get)**

12- Order

attributes

Attribute name	Notes
_Id *	Number, read only, auto-increment
User*	Object ID Ref:"User"
cartItems*	List Of Product (Object ID Ref:"Product"), (_Id, quantity: 1, color, price)
texPrice	Number, default: 0
shippingPrice	Number, default:0
totalOrderPrice*	Number
paymentMethodType*	String, Enum:["cash", "card"]
isPaid	Boolean, default: false
paidAt	Date
isDeliverd	Boolean, default: false

deliverdAt	Date
shippingAddress*	{alias: String, details: String, phone: String, city: String, postalCode: String, }
timestamps*	Date, auto-increment

Business Operations

Business Operation: For Admin **(Get All/ Get One)**

Business Operation: User **(create/ update/ delete/ Get)**