

## 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*	<b>Object ID Ref:</b> "Categories"
timestamps*	Date, auto-increment

## Business Operations

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 (**Get All by single product/ Get Reviews on Single User**)

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

## 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"),[{productId, quantity:1, color:""}]
Total Price	Number
totalPriceAfterDiscount	Number
Coupons	List Of Coupons (Object ID Ref:" Coupon"), [{name:couponName,couponId}]
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 / Coupons**)

## 7- Coupon

### attributes

Attribute name	Notes
Id *	Number, read only, auto-increment
name*	String
Expirydate*	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: 0
Price*	Number, Min1, Max 20000
Price After Discount	Number, Max 20000, default: 0
color	List Of String
Category*	<b>Object ID Ref:</b> "Categories"
Sub Category	<b>Object ID Ref:</b> "Sub Categories"
brand	<b>Object ID Ref:</b> "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

quantity*	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- Tax

#### attributes

Attribute name	Notes
Id *	Number, read only, auto-increment
taxPrice	Number
shippingPrice	Number
timestamps*	Date, auto-increment

#### Business Operations

Business Operation: For Admin (**create/ update/ delete/ 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)
taxPrice	Number, default: 0
shippingPrice	Number, default:0
totalOrderPrice*	Number
paymentMethodType*	String, Enum:["cash", "card"]
isPaid	Boolean, default: false
paidAt	Date
isDeliverd	Boolean, default: false
deliveredAt	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/ update Paid Cash)**

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

**Business Operation: Stripe (update Paid Card)**