# 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)**

# 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)**

# Sub Category

## attributes

| **Attribute name** | **Notes** |
| --- | --- |
| \_Id \* | Number, read only, auto-increment |
| name\* | String, min 3 max 20 |
| category‎\* | Object ID **Ref**: “Categories” |
| timestamps\* | Date, auto-increment |

## Business Operations

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

### Business Operation: User **(Get)**

# 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)**

# 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)**

# 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**)**

# 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)**

# 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\* | Object ID **Ref**: “Categories” |
| Sub Category | Object ID **Ref**: “Sub Categories” |
| 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)**

# 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- Tax

## 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)**

# 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/ update Paid Cash)**

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

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