# Order Management System

Contents

[Order Management System 1](#_Toc493600820)

[Mongo Schema Design 2](#_Toc493600821)

[1. Category: 2](#_Toc493600822)

[2. Product: 2](#_Toc493600823)

[3. Inventory: 2](#_Toc493600824)

[4. Order\_Details :- 3](#_Toc493600825)

[5. Customer details:- 4](#_Toc493600826)

[ER Diagram 5](#_Toc493600827)

## **Mongo Schema Design**

Database Name: **OMS**

Collection Details:-

# **Category:**

{

\_id:String,

Name:String,

Child\_categorie\_id:[Array],

Parent\_categorie\_id:[Array],

Image\_path:String,

Creation\_date:Date,

Last\_modified\_date:Date,

Is\_root:Boolean,

Is\_active:Boolean,

Seo\_Keywords:[Array],

}

# **Product:**

{

\_id: String,

Product\_display\_name: String,

Category\_path:[Array],

Price:[{list\_price: Boolean,sale\_price: Boolean, whole\_sale\_price: Boolean}],

Is\_active: Boolean,

Product\_short\_description: String,

Product\_long\_description: String,

Image\_path:[Array],

Shipping\_info:[

{ weight: Double,

Dimensions:[{weight: Double, height: Double, Depth: Double}]

}

],

Creation\_date: Date,

Last\_modified\_date: Date,

Specifications: [{name: String, Value: String}]

}

# **Inventory:**

{

\_id:ObjectId,

Creation\_date:Date,

End\_date:Date,

Display\_name:String,

Description:String,

Available\_status:String,

Stock\_level:Int,

Stock\_thresh:Int,

Product\_id:String

}

# **Order\_Details :-**

{

\_id:ObjectId

created\_on: date,

customer\_id: string

products: {

quantity: int,

sku: String

title: String,

unit\_cost: int

},

total\_cost: int,

payment: {payment\_mode: string,

status: string

}

shipping: {

customer: string,

address: string,

city: string,

region: string,

state: string,

country: string,

landmanrk: string

},

tracking: {

company: string,

tracking\_number: string,

status: string,

estimated\_delivery: date

},

Order\_status: string

}

# **Customer details:-**

{

"\_id" : ObjectId,

"name" :string,

"type" : string,

"created\_date" :date,

"billing\_addresses" : [{

"address" : string,

"city" : string,

"state" : string,

"country" : string,

“phone\_no”:int

},

{ "address" : string,

"city" : string,

"country" : string,

“phone\_no”:int

}

],

"email”:string,

"phone\_no" :int

}

## **ER Diagram**

