# Order Management System

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## **Mongo Schema Design**

Database Name: **OMS**

Collection Details:-

# **Product:**

{

\_id: String,

productDisplayName: String,

categoryPath: [Array],

price: Double

isActive: Boolean,

description: String,

packingInfo:[

{ weight: Double,

dimensions: [{weight: Double, height: Double, depth: Double}]

}

],

createdDate: Date,

lastModifiedDate: Date,

specifications: [{name: String, value: String}]

}

# **Inventory:**

{

\_id: ObjectId,

createdDate: Date,

endDate: Date,

displayName: String,

description: String,

availableStatus: Boolean,

stockCount: Int,

stockThresh: Int,

productId: String

}

# **Order:**

{

\_id: ObjectId

createdDate: Date,

customerId: String

products: {

quantity: Int,

sku: String

title: String,

unit\_cost: Int

},

totalCost: Int,

payment: {

paymentMode: String,

status: String

}

shipping: {

customer: String,

address: String,

city: String,

region: String,

state: String,

country: String,

landmark: String

},

tracking: {

company: String,

trackingNumber: String,

status: String,

estimatedDelivery: Date

},

invoice: [

{invoiceNo: int, invoiceDate: Date}

],

orderStatus: String

}

# **Customer:**

{

"\_id": ObjectId,

"name": String,

"type": String,

"createdDate": Date,

"billingAddresses": [{

"id": String

"address": String,

"city": String,

"state": String,

"country": String,

"phoneNo": Int

}],

"email": String,

"phoneNo": Int

}

# **Event History:**

{

"\_id": ObjectId,

"eventName": String,

"status": String,

"result": String,

"orderId": ObjectId,

"createdDate": Date

}

## **ER Diagram**

