

## 1. Users\_collection

Primary key: **\_id**

No.	Field Name	Data Type	Description
1	_id	ObjectId	Unique identifier for the user
2	name	String	Name of the user
3	phone	String	User's phone number
4	email	String	User's email address
5	password	String	User's password
6	images	Array	Array of image URLs
7	isAdmin	Boolean	Indicates if the user is an admin
8	isBlocked	Boolean	Indicates if the user is blocked
9	reason	String	Reason for blocking the user
10	resetCode	String	Code for password reset
11	resetCodeExpiration	Date	Expiration date for reset code
12	isStockManager	Boolean	Indicates if the user is a stock manager
13	location	String	User's location
14	role	String	Role of the user (default: customer)
15	isSupplier	Boolean	Indicates if the user is a Supplier

## 2. Category\_collection

Primary key: **\_id**

No.	Field Name	Data Type	Description
1	_id	ObjectId	Unique identifier for the category
2	name	String	Name of the category
3	slug	String	URL-friendly version of the name
4	images	Array	Array of image URLs
5	color	String	Color associated with the category

### 3. SubCategory\_collection

Primary Key: **\_id**

Foreign Key: **category** references **Category\_collection (\_id)**

No.	Field Name	Data Type	Description
1	_id	ObjectId	Unique identifier for the sub-category
2	category	ObjectId	References Category_collection (_id)
3	subCat	String	Name of the sub-category

### 4. Order\_collection

Primary key: **\_id**

Foreign Key: **userId** references **Users\_collection (\_id)**

No.	Field Name	Data Type	Description
1	_id	ObjectId	Unique identifier for the order
2	name	String	Name of the customer
3	phoneNumber	String	Customer's phone number
4	address	String	Delivery address
5	pincode	String	Pincode for the delivery location
6	amount	String	Total amount for the order
7	paymentId	String	Payment identifier
8	email	String	Customer's email address
9	userId	ObjectId	References Users_collection (_id)
10	products	Array	List of products in the order
11	status	String	Current status of the order (default: pending)
12	date	Date	Date of the order

## 5. Products\_collection

Primary Key: **\_id**

Foreign Key: **catId** references **Category\_collection (\_id)**

Foreign Key: **subCatId** references **SubCategory\_collection (\_id)**

Foreign Key: **category** references **Category\_collection (\_id)**

No.	Field Name	Data Type	Description
1	_id	ObjectId	Unique identifier for the product
2	name	String	Name of the product
3	description	String	Description of the product
4	images	Array	Array of image URLs
5	brand	String	Brand of the product
6	price	Number	Current price of the product
7	oldPrice	Number	Previous price of the product
8	catName	String	Name of the category
9	catId	ObjectId	References Category_collection (_id)
10	subCatId	ObjectId	References SubCategory_collection (_id)
11	category	ObjectId	References tbl_Category (_id)
12	countInStock	Number	Number of items available
13	rating	Number	Average rating of the product
14	isFeatured	Boolean	Indicates if the product is featured
15	discount	Number	Discount percentage
16	SubCat	String	Name of the sub category
17	size	Array	Array of size options
18	productWeight	Array	Array of weight options
19	location	String	Location of the product
20	dateCreated	Date	Date when the product was created
21	basePrice	Number	Indicates the base price of the product

## 6. Cart\_collection

Primary Key: **\_id**

Foreign Key: **userId** references **Users\_collection (\_id)**

No.	Field Name	Data Type	Description
1	_id	ObjectId	Unique identifier for the cart item
2	productTitle	String	Title of the product
3	image	String	Image URL of the product
4	rating	Number	Product rating
5	price	Number	Price of the product
6	quantity	Number	Quantity of the product in the cart
7	subTotal	Number	Subtotal for the product
8	productId	String	Unique identifier for the product
9	countInStock	Number	Number of items in stock
10	userId	ObjectId	References Users_collection (_id)
11	weight	String	Weight of the product

## 7. MyList\_collection

Primary key: **\_id**

Foreign Key: **userId** references **Users\_collection (\_id)**

No.	Field Name	Data Type	Description
1	_id	ObjectId	Unique identifier for the item in the list
2	productTitle	String	Title of the product
3	image	String	Image URL of the product
4	rating	Number	Product rating
5	price	Number	Price of the product
6	productId	ObjectId	Unique identifier for the product

7	userId	ObjectId	References Users_collection (_id)
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## 8. Pincode\_collection

Primary Key: **\_id**

No.	Field Name	Data Type	Description
1	_id	ObjectId	Unique identifier for the district
2	name	String	Name of the district
3	pincodes	Array	List of pincode objects
4	code	String	Code of the district

## 9. ProductWeight\_collection

Primary key: **\_id**

No.	Field Name	Data Type	Description
1	_id	ObjectId	Unique identifier for the weight entry
2	productWeight	String	Weight of the product

## 10. RecentlyViewed\_collection

Primary Key: **\_id**

Foreign Key: **productId** references **Products\_collection (\_id)**

Foreign Key: **userId** references **Users\_collection (\_id)**

No.	Field Name	Data Type	Description
1	_id	ObjectId	Unique identifier for the recently viewed item
2	productId	ObjectId	References Products_collection (_id)

3	userId	ObjectId	References Users_collection (_id)
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## 11. CancelledOrders\_collection

Primary Key: **\_id**

Foreign Key: **orderId** references **Orders\_collection (\_id)**

Foreign Key: **userId** references **Users\_collection (\_id)**

No.	Field Name	Data Type	Description
1	_id	ObjectId	Unique identifier for the cancelled order
2	orderId	ObjectId	References Orders_collection (_id)
3	userId	ObjectId	References Users_collection (_id)
4	reason	String	Indicates reason for cancellation

## 12. HomeBanner\_collection

Primary Key: **\_id**

No.	Field Name	Data Type	Description
1	_id	ObjectId	Unique identifier for the home banner
2	image	String	Image URL of the banner
3	redirectTo	String	URL to redirect to when clicked

## 13. ImageUpload\_collection

Primary Key: **\_id**

No.	Field Name	Data Type	Description
1	_id	ObjectId	Unique identifier for the uploaded image
2	imageUrl	String	URL of the uploaded image

#### 14. ProductReview\_collection

Primary Key: **\_id**

Foreign Key: **productId** references **Products\_collection (\_id)**

Foreign Key: **customerId** references **Users\_collection (\_id)**

No.	Field Name	Data Type	Description
1	_id	ObjectId	Unique identifier for the review
2	customerName	String	Name of the Customer
3	productId	ObjectId	References Products_collection (_id)
4	customerId	ObjectId	References Users_collection (_id)
5	rating	Number	Rating given by the customer
6	review	String	Review content

#### 15 DynamicPricing\_collection

Primary Key : **\_id**

Foreign Key : **productId** references **products\_collection(\_id)**

No.	Field Name	Data Type	Description
1	_id	ObjectId	Unique identifier for the dynamic pricing
2	productId	ObjectId	References Products_collection (_id)
3	originalPrice	Number	Indicates actual price of the product
4	currentPrice	Number	Indicates current price of the product
5	stockLevel	Number	Indicates the stock level of the product
6	demandScore	Number	Indicates the demand score of the product
7	salesVelocity	Number	Sales velocity of the product
8	priceHistory	Array	List of price updates made
	lastUpdated	Date	Indicates the last updated date

## 16 FaceData\_collection

Primary Key: **\_id**

Foreign Key: **userId** references **Users\_collection(\_id)**

No.	Field Name	Data Type	Description
1	_id	ObjectId	Unique identifier for the face data
2	userId	ObjectId	References Users_collection (_id)
3	faceDescriptor	Array	Coordinates of the face
4	createdAt	Date	Indicates the date the face is registered

## 17 Report\_collection

Primary Key: **\_id**

No.	Field Name	Data Type	Description
1	_id	ObjectId	Unique identifier for the report
2	type	String	Type of User
3	period	String	Period of report
4	dateRange	Date	Start and End date of report
5	location	String	Location of the District Operation Manager
6	createdAt	Date	Date of creation of report



## 18. stockManagement\_collection

Primary Key: **\_id**

Foreign Key: **productId** reference **Products\_collection(\_id)**

No.	Field Name	Data Type	Description
1	_id	ObjectId	Unique identifier for the stock management
2	productId	ObjectId	References Products_collection(_id)
3	type	String	Indicates Demand type
4	threshold	Number	Indicates threshold
5	currentStock	Number	Indicates current stock level
6	autoOrderEnabled	Boolean	Indicates whether auto-order is enabled or Not
7	location	String	Indicates location
8	status	String	Indicates status of the stock
9	createdAt	Date	Date of creation of report

## 19. stockOrder\_collection

Primary Key: **\_id**

Foreign Key: **productId** reference **Products\_collection(\_id)**

Foreign Key: **supplierId** reference **Users\_collection(\_id)**

No.	Field Name	Data Type	Description
1	_id	ObjectId	Unique identifier for the stock order
2	productId	ObjectId	References Products_collection(_id)
3	supplierId	ObjectId	References Users_collection(_id)
4	quantity	Number	Indicates the quantity of stock
5	status	String	Indicates the status of the stock
6	autoOrdered	Boolean	Indicates the stock is autoOrdered or Not

7	location	String	Indicates the location
8	orderDate	Date	Indicates the order date of the stock
9	paymentStatus	String	Indicates the status of payment
10	paymentMethod	String	Indicates the payment method
11	paymentDate	Date	Date of payment done
12	invoiceNumber	String	Indicates the invoice number of stock
13	totalAmount	Number	Indicates the total amount of stock ordered

## 20. supplierProducts\_collection

Primary Key: **\_id**

Foreign Key: **supplierId** reference **Users\_collection(\_id)**

No.	Field Name	Data Type	Description
1	_id	ObjectId	Unique identifier for the review
2	supplierId	ObjectId	References Users_collection(_id)
3	name	String	Name of the product
4	description	String	Description of the product
5	price	Number	Price of the product
6	quantity	Number	Quantity of product
7	quantityType	String	Type of Quantity
8	category	String	Category of Product
9	minStockAlert	Number	Minimum Stock of product
10	productCode	String	Indicates a unique code for the product
11	status	String	Indicates status of the product
13	createdAt	Date	Date of creation of product