1. Tbl_Users

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	Boolean0	Indicates if the user is a supplier

2. Tbl_Category

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

6	parentId	String	ID of the parent category (if any)

3. Tbl_SubCategory

Primary Key: **_id**

Foreign Key: **category** references **tbl_Category (_id)**

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

4. Tbl_Order

Primary key: **_id**

Foreign Key: **userId** references **tbl_Users (_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 tbl_Users (_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. **Tbl_Products**
   Primary Key: **_id**

   Foreign Key: **catId** references **tbl_Category (_id)**   Foreign Key: **subCatId**
   references **tbl_SubCategory (_id)**

   Foreign Key: **category** references **tbl_Category (_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 tbl_Category (_id)
10	subCatId	ObjectId	References tbl_SubCategory (_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	productRam	Array	Array of RAM options
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

6. Tbl_Cart

Primary Key: **_id**

Foreign Key: **userId** references **tbl_Users (_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 tbl_Users (_id)
11	weight	String	Weight of the product

7. Tbl_MyList

Primary key: **_id**

Foreign Key: **userId** references **tbl_Users (_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 tbl_Users (_id)

8. Tbl_Pincode

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. Tbl_ProductWeight

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. Tbl_RecentlyViewed

Primary Key: **_id**

Foreign Key: **productId** references **tbl_Products (_id)**

Foreign Key: **userId** references **tbl_Users (_id)**

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

11. Tbl_CancelledOrders

Primary Key: **_id**

Foreign Key: **orderId** references **tbl_Orders (_id)**

Foreign Key: **userId** references **tbl_Users (_id)**

No.	Field Name	Data Type	Description
1	_id	ObjectId	Unique identifier for the cancelled order
2	orderId	ObjectId	References tbl_Orders (_id)
3	userId	ObjectId	References tbl_Users (_id)

12. Tbl_HomeBanner

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. Tbl_ImageUpload

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. Tbl_ProductReview

Primary Key: **_id**

Foreign Key: **productId** references **tbl_Products (_id)**   Foreign Key: **customerId** references **tbl_Users (_id)**

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

15. Tbl_Recommendation

Primary Key :_id
Foreign Key: **productId** references **tbl_Products (_id)**
Foreign Key: **userId** references **tbl_Users(_id)**

No.	Field Name	Data Type	Description
1	_id	ObjectId	Unique identifier for the recommendation
2	productId	ObjectId	References tbl_Products (_id)
3	userId	ObjectId	References tbl_Users (_id)
4	reason	String	Reason for recommendation (e.g., browsing behavior, purchase history)

16. Tbl_Dynamic Pricing

Primary Key : _id
Foreign Key: **productId** references **tbl_Products (_id)**

No.	Field Name	Data Type	Description
1	_id	ObjectId	Unique identifier for the recommendation
2	productId	ObjectId	References tbl_Products (_id)
3	Stock_level	Number	Current stock level of the product
4	demand_level	String	Current demand for the product
5	calculated_price	Number	Adjusted product price