TABLE DESIGN

1.Users

Primary key: user_id

No:	Fieldname	Datatype	Length	Key Constraints	Description
1	User_id	integer	11	PRIMARY_KEY	Primary_key
2	Username	varchar	50	NOT_NULL	Name of user
3	email	varchar	50	NOT_NULL	Email of user
4	password	varchar	50	NOT_NULL	Password of user
5	Contact_no	varchar	10	NOT_NULL	Contact_no of user
6	role	integer	3	NOT_NULL	To identify user is admin or customer or seller
7	status	tinyint	2	NOT_NULL	User is active or inactive

2.category

Primary_key:category_id

No:	Fieldname	Datatype	Length	Key Constraints	Description
1	category_id	integer	11	PRIMARY_KEY	Unique Id of category
2	category_name	varchar	50	NOT_NULL	Name of category
3	status	tinyint	2	NOT_NULL	To identify category is active or inactive

3.sub_category

Primary_key:sub_category_id
Foreign_Key:category_id from table category

No:	Fieldname	Datatype	Length	Key Constraints	Description
1	sub_category_id	integer	11	PRIMARY_KEY	Unique Id of category
2	Category_id	integer	11	FOREIGN_KEY	Foreign_key from table category
2	sub_category_name	varchar	50	NOT_NULL	Name of category
3	status	tinyint	2	NOT_NULL	To identify subcategory is active or inactive

4.products

Primary_key: product_id

Foreign_key: category_id references from table Category
Stock_id references from table Stock

No:	Fieldname	Datatype	Length	Key Constraints	Description
1	Product_id	integer	11	PRIMARY_KEY	Unique id of products
2	Product_name	varchar	50	NOT_NULL	Name of products
3	Product_desc	text	50	NOT_NULL	Description of products
4	Product_image	varchar	50	NOT_NULL	Image of products
5	price	integer	50	NOT_NULL	Price of products
6	Category_id	integer	11	FOREIGN_KEY	Category id is a foreign key from table category
7	Subcategory_id	integer	11	FOREIGN_KEY	Foreign_key from table subcategory
8	status	tinyint	2	NOT_NULL	To identify product is active or inactive
9	Stock_id	integer	11	FOREIGN_KEY	Stock_id is a foreign key from table Stock

5.stock

Primary_key: stock_id

Foreign_key: product_id foreign_key from table products

No:	Fieldname	Datatype	Length	Key Constraints	Description
1	stock_id	integer	11	PRIMARY_KEY	Unique id of stock
2	No_of_stock	varchar	50	NOT_NULL	Number of stock
3	Stock_start_date	date	20	NOT_NULL	Date of stock
4	Product_id	integer	11	NOT_NULL	Foreign_key from table from products

6.Cart

Primary_key: cart_id

Foreign_key: user_id, product_id references from table users, products

No:	Fieldname	Datatye	Length	Key Constraints	Description
1	cart_id	integer	11	PRIMARY_KEY	Primary_key
2	user_id	integer	50	FOREIGN_KEY	Foreign_key from table users
3	product_id	integer	50	FOREIGN_KEY	Foreign_key from table products
4	quantity	integer	50	NOT_NULL	Quantity users added to cart
5	Is_checked_out	tinyint	3	NOT_NULL	If user placed order or not

7.orders

Primary_key:id

Foreign_key:user_id references from table users

No:	Fieldname	Datatype	Length	Key Constraints	Description
1	Order_id	integer	11	PRIMARY_KEY	Primary_key
2	user_id	integer	50	FOREIGN_KEY	Foreign_key form table users

3	order_date	datetime	50	NOT_NULL	Date of order
	address	varchar	50	NOT_NULL	Foreign_key from table address
7	Payment_mode	tinyint	11	NOT_NULL	Payment mode
8	Total_amount	decimal	50	NOT_NULL	Total amount to be payed
9	Order_status	tinyint	3	NOT_NULL	Status of order
10	status	tinyint	2	NOT_NULL	To identify order is deliverd or not

8.Order_items

Primary_key:id

Foreign_key: order_id, product_id from table orders, products

No:	fieldname	Datatye	Length	Key Constraints	Description
1	id	integer	11	PRIMARY_KEY	Primary_Key
2	Order_id	integer	11	FOREIGN_KEY	Foreign_Key from table orders
3	Product_id	integer	11	FOREIGN_KEY	Foreign_Key from table products
4	quantity	decimal	50	NOT_NULL	Quantiy of order
5	price	decimal	50	NOT_NULL	Price of order
6	total_price	decimal	50	NOT_NULL	Total_Price of order

9.Address

Primary_key:id

Foreign_Key:user_id from table user

No:	fieldname	Datatye	Length	Key Constraints	Description
1	id	integer	11	PRIMARY_KEY	Primary_Key
2	user_id	integer	11	FOREIGN_KEY	Foreign_Key from table user
3	Address	Varchar	20	NOT_NULL	Address of user

10.Review

Primary_key:Review_id

Foreign_key:

User_id foreign_key from table Users

Product_id foreign_key from table products

No:	fieldname	Datatype	Length	Key Constraints	Description
1	review_id	integer	11	PRIMARY_KEY	Primary_Key
2	user_id	integer	11	FOREIGN_KEY	Foreign_Key from table users
3	Product_id	integer	11	FOREIGN_KEY	Foreign_key from table products
3	review_text	varchar	20	NOT_NULL	Review from user

11.Wishlist

Primary_key: id
Foreign_key:product_id from table products

No:	fieldname	Datatype	Length	Key Constraints	Description
1	id	integer	11	PRIMARY_KEY	Primary_Key
2	product_id	integer	11	FOREIGN_KEY	Foreign_Key from table products