Main Project Table Designs

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TABLE DESIGN

Table No   01

Table Name   : users

Primary Key   : id

Foreign Key   : -

Table Description: To store customer login information

Fieldname	Data Type	Size	Description
id	Int	10	Primary key
name	Varchar	20	Name of the Customer
password	Varchar	20	Password to login
creationDate	Varchar	20	Date of creation
email	Varchar	50	Email of the Customer
contactno	Bigint	11	Contact no of the Customer
updationDate	Varchar	20	Date of updation

Table No   02

Table Name   : admin

Primary Key   : id

Foreign Key   : -

Table Description: To log on to admin dashboard

Fieldname	Data type	Size	Description
id	Int	10	Primary key of admin table
username	Varchar	20	Name of Admin
contactNumber	Bigint	12	Contact No. of Admin
password	Longtext	100	Password of Admin Login
creationDate	Varchar	20	Date of creation

updationDate	Varchar	20	Date of updation

Table No   03

Table Name   : cart

Primary Key   : id

Foreign Key   : userID , productiId

Table Description: To store product cart information

Fieldname	Data type	Size	Description
id	Int	10	Primary key of cart table
userID	Int	10	Foreign Key with reference from Users
productId	Int	10	Foreign Key with reference from products
productQty	Int	10	Quandity of products
postingDate	Timestamp	-	Date of posting

Table No   04

Table Name   : addresses

Primary Key   : id

Foreign Key   : userId

Table Description: To store the address of the customer

Fieldname	Data type	Size	Description
id	Int	10	Primary key of address table
userId	Int	10	Foreign Key with reference from Users
billingAddress	Varchar	50	Address for Billing
billingCity	Varchar	50	City for Billing
billingState	Varchar	50	State for Billing

Fieldname	Data type	Size	Description
billingPincode	Int	50	Pincode for Billing
billingCountry	Varchar	50	Country for Billing
shippingAddress	Varchar	50	Address for shipping
shippingCity	Varchar	50	City for shipping
shippingState	Varchar	50	State for shipping
shippingPincode	Int	50	Pincode for shipping
shippingCountry	Varchar	50	Country for shipping
postingDate	Timestamp	-	Date of posting

Table No   05

Table Name   : subcategory

Primary Key   : id

Foreign Key   : categoryid

Table Description: To store product sub-category information

Fieldname	Data type	Size	Description
id	Int	11	Primary key
categotyid	Int	11	Foreign key with reference from category table
subcategoryName	Varchar	11	Name of the sub category name
creationDate	Timestamp	-	Date of creation

Table No   06

Table Name   : wishlist

Primary Key   : Id

Foreign Key   : productid, userId

Table Description: To store the customer wishlist information

Fieldname	Data type	Size	Description
id	Int	11	Primary key
userId	Int	11	Foreign key with reference from users table
productId	Int	11	Foreign key with reference from products table
creationDate	Timestamp	-	Date of creation

Table No   07

Table Name   : category

Primary Key   : Id

Foreign Key   : -

Table Description: To store the product category information

Fieldname	Data type	Size	Description
id	Int	11	Primary key
category	Varchar	50	Name of the product that belongs to specific Category
subcategory	LongText	-	Description of the product that belongs to specific Category
creationDate	Timestamp	-	Date of creation
updationDate	Timestamp	-	Date of updation

Table No   08

Table Name   : products

Primary Key   : Id

Foreign Key   : category, subcategory

Table Description: To store the product information

Fieldname	Data type	Size	Description
id	Int	11	Primary key
category	Int	11	Foreign key with reference from category table
subcategory	Int	11	Foreign key with reference from subcategory table
productName	Varchar	50	Name of the product
productCompany	Varchar	50	Product Company
productPrice	Decimal	10,2	Product Price
productPriceBefore Discount	Decimal	10,2	Product Selling Price
productDescription	LongText	-	Product Description
productImage1	Varchar	50	Product Image 1
productImage2	Varchar	50	Product Image 2
productImage3	Varchar	50	Product Image 3
shippingCharge	Decimal	10,2	Shipping Charges
productAvailability	Varchar	50	Availability of the Product
creationDate	Timestamp	-	Date of creation
updationDate	Timestamp	-	Date of updation

Table No   09

Table Name   : orders

Primary Key   : Id

Foreign Key   : orderNumber, userId, addressId.

Table Description: To store the customer orders information

Fieldname	Data type	Size	Description
id	Int	11	Primary key
orderNumber	Bigint	11	Foreign key with reference from orderdetails table
userId	Int	11	Foreign key with reference from users table
addressId	Int	11	Foreign key with reference from addresses table
totalAmount	Decimal	10,2	Total Amount
tnxType	Varchar	50	Type of Tax
tnxNumber	Varchar	50	Tax Number
orderStatus	Varchar	50	Status of the Order
orderDate	Timestamp	-	Date of order

Table No   **10**

Table Name   **: orderdetails**

Primary Key   **: Id**

Foreign Key   **: orderNumber, userId, productId**

Table Description: To store the customer order details information

Fieldname	Data type	Size	Description
id	Int	11	Primary key
orderNumber	Bigint	11	Foreign key with reference from orderdetails table
userId	Int	11	Foreign key with reference from users table
productId	Int	11	Foreign key with reference from products table
quantity	Int	11	Quandity
orderStatus	Varchar	50	Status of the Order
orderDate	Timestamp	-	Date of order

Table No   11

Table Name   : ordertrackhistory

Primary Key   : Id

Foreign Key   : orderId

Table Description: To store the customer order track history information

Fieldname	Data type	Size	Description
id	Int	11	Primary key
orderId	Bigint	11	Foreign key with reference from orderdetails table
status	Varchar	20	Status of the product ordered
remarks	Mediumtext	-	Remarks