

Entities

1) Customers

- a) **Customer_id**
- b) **First Name**
- c) **Last Name**
- d) **email address**
- e) **Password**
- f) **Mobile**
- g) **Payment Methods (Array)**
 - i) **Payment_method_id**
 - ii) **Payment_type**
 - iii) **Card_details(Object)**
 - (1) **Card_number**
 - (2) **Card_validity**
 - iv) **UPI-id**
 - v) **mobile**
- h) **Address (Array)**
 - i) **Address_type**
 - ii) **Street**
 - iii) **City**
 - iv) **State**
 - v) **Pincode**
- i) **Shopping Cart (Object)**
 - i) **Products (Array)**
 - (1) **Product_id**
 - (2) **Quantity**
 - ii) **Total Price**
- j) **Wishlist (Object)**
 - i) **Products (Array)**
 - (1) **Product_id**

(2) Quantity

k) Order (Array of Objects)

i) Products (Array)

(1) Product_id

(2) Quantity

(3) Price

ii) Total Price

iii) Order_date

iv) Order Status (Object)

(1) Shipper_id

(2) Product_id

(3) Date_of_arrival

(4) Location

(5) Delivery_status

l) Product_Reviews (Array)

i) Product_id

ii) Review_id

2) Products

a) Product_id

b) Product_name

c) Description

d) Price

e) Average_rating

f) Category (Array)

i) Category_id

ii) Category_name

g) Reviews (Array)

i) Review_id

ii) Review

- iii) Rating
- iv) Customer_id
- h) Seller_ids (Array)**

3) Seller

- a) Seller_id**
- b) Email**
- c) Company_name**
- d) Mobile**
- e) Password**
- f) Payment Methods (Array)**
 - i) Payment_method_id
 - ii) Payment_type
 - iii) Card_details
 - iv) UPI-id
 - v) mobile
- g) Address (Array)**
 - i) Address_type
 - ii) Street
 - iii) City
 - iv) State
 - v) Pincode
- h) Products (Array)**
 - i) Product_id
 - ii) Quantity

4) Shipper

- a) Shipper_id**
- b) Email**
- c) Company_name**

- d) Mobile**
- e) Password**
- f) Payment Methods (Array)**
 - i) Payment_method_id
 - ii) Payment_type
 - iii) Card_details
 - iv) UPI-id
 - v) mobile
- g) Address (Array)**
 - i) Address_type
 - ii) Street
 - iii) City
 - iv) State
 - v) Pincode

5) Discount

- a) Discount_id**
- b) Product_ids (Array)**
- c) Category_ids (Array)**
- d) Seller_ids (Array)**
- e) Start_date**
- f) End_date**
- g) Discount_percentage**