

Entities

1) CUSTOMER

- a. customer_id**
- b. Name** (string)
- c. Email id** (string)
- d. Password** (hashed string)
- e. Contact Info** (string)
- f. Address** (array of objects)
 - i. Street (string)
 - ii. City (string)
 - iii. State (string)
 - iv. Country (string)
 - v. Pincode (int)
- g. Payment Info** (array of objects)
 - i. Payment method (string)
 - ii. Bank name (string)
- h. Cart** (array of objects)
 - i. Quantity (int)
 - ii. Total price (int)
 - iii. Products (array of objects)
 - 1. Product ID (int)
 - 2. Product Name (string)
- i. Wishlist** (array of objects)
 - i. Product ID (int)
 - ii. Product Name (string)
- j. Previous Orders** (array of object_id)

2) PRODUCT

- a) product_id**
- b) Name** (string)
- c) Description** (string)
- d) Brand** (string)
- e) Thumbnail** (URL - string)
- f) Quantity** (int)
- g) Return in days** (int)

- h) Price** (array of objects)
 - i) Actual Price (Number Decimal)
 - ii) Discount (Double)
 - iii) Discounted Price (int)
 - iv) Savings (int)
- i) Feedback** (array of objects)
 - i) Customer Name (string)
 - ii) Comment (string)
 - iii) Rating (int)
- j) Category** (array of objects)
 - i) Parent Category (string)
 - ii) Ancestor Categories (array of category name)

3) ORDER

- a) order_id**
- b) Order date** (date/ timestamp)
- c) customer_id** (int)
- d) Shipping details** (array of objects)
 - i) Customer Name (string)
 - ii) Address (array of objects)
 - 1) Street (string)
 - 2) City (string)
 - 3) State (string)
 - 4) Country (string)
 - 5) Pincode (int)
- e) Payment details** (array of objects)
 - i) Payment Method (string)
 - ii) Transaction_id (string)
- f) Products** (array of objects)
 - i) Product_id (string)
 - ii) Quantity (int)
 - iii) Tracking (array of objects)
 - 1) Company (string)
 - 2) Status (string)
 - 3) EDD (date)
- g) Total Amount** (int)

4) SUPPLIER

- a) supplier_id** (string)
- b) Name** (string)
- c) Company** (string)
- d) Contact Info** (string)
- e) Address** (array of objects)
 - i) Street (string)
 - ii) City (string)
 - iii) State (string)
 - iv) Country (string)
 - v) Pincode (int)
- f) Products Supplied** (array of Product_id)

5) SHIPPER

- a) shipper_id** (string)
- b) order_id** (string)
- c) Contact Info** (string)
- d) Address** (array of objects)
 - i) Street (string)
 - ii) City (string)
 - iii) State (string)
 - iv) Country (string)
 - v) Pincode (int)