Clothing Warehousing System

Title: Database for keep track on Clothes & Stocks and project on
Clothing Warehousing System

Scope of the Database:

Clothing Warehousing System manages the data of all the category of clothes and its stock, size, quantity, brands etc. Clothing Warehousing System offers a wide range of products with and without

Embellishment. Our task is to keep track if all the information about Clothing Warehousing System. Database requirements for the same are given below.

Description/Requirements:

- **Customers** can identified by its Contact No. and Each Customers has name, date of birth and email ID.
- Each Customers has specified **Address** with following details: Address, City, State, Country, Pin code and each Address is identified by unique Value Address ID.
- Each **Supplier** has recorded with its unique identity GST No. and has Name of Company, Owner Name, Date of Collab, Contact No and Location.
- **Employees** worked in system (CWMS) can identified by its Contact No and each employees has name, date of birth, gender, hire date and Aadhar Card No.
- Each Employee's **Salary** is recorded in different entity which has Salary, from_Date, to_Date.
- Each **Product** in system (CWMS) is identified by its product ID and has various details such as Name, Quantity, Size, Color, Category, and Brand.
- Each Product belongs to any one category of Ideals and belongs to any brand.
- Each Product has size and monitoring and updating the availability of quantity at each size.
- CWMS maintains **Customer Order** which is identified by it Order ID of each and every customers with more details such as Order Date, Quantity, Unit Price, Discount Availed to Specific Customer, Shipping Date and Status of each Order.
- Each Customer Order **Sales Payment** Details is stored and managed in separate entity identified by Sales_Payment_ID and amount, Date of Payment, Credit Card No, Credit Card Expiry Date, and Cardholder Name.
- Each Payment of Customer Order must be categorized by **Payment Method.**
- Each Sales Payment Details must be belong to Payment Method.

- Purchasing Product from Supplier is also managed by entity name **Purchase Order** which is identified by Purchase ID and following information such as Purchase Date, Quantity, Unit Price, Total Cost and Status.
- Each Purchase Order from Supplier, **Purchase Payment** Details is stored and managed in separate entity identified by

Purchase_Payment_ID and amount, Date of Payment, Credit Card No, Credit Card Expiry Date, and Cardholder Name.

- Each Purchase Payment Details must be belong to Payment Method.
- There can be one or more than one type of product belonging to a particular brand.
- Each Customer must be belong to at least one Address.
- Each Salary details must be belong to only one Employee.
- Each Payment details must be belong to only one payment Method.
- Each Payment Details must be belong to only one Customer Order.
- Each Customer Order is referenced with any one Customers.
- Every Purchase Order is referenced with any one Supplier.
- Each and Every supplier has unique identity with its GST No.
- Each Order whether it is Customer Order or Purchase Order has Order Status.
- Some Attributes which act as identification of various entities are always Unique and Not Null such as Contact No, Address ID, GST No, Product Id, Category ID, Brand ID, Order ID, Payment ID and Purchase ID.