**E-COMMERCE MARKET PLACE**

TEAM MEMBERS

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Project Description: Our project is an attempt to simulate an e-commerce database where in we have several products

Requirements: (atleast 10-15 requirements)

1. The e-commerce database has many products, each identified by a unique product\_ID, name, SKU, type\_ID, manufacturer, MSRP, warranty, mID, availability
2. The products are of differnet categories where each category has its own type\_ID, type\_name. Each category also has sub-categories. Example: Electronics can be divided into mobiles, tablets, laptops, monitors, washing machines, etc.
3. The Electronics category consists of an unique category\_ID, category\_name and type\_ID.
4. The Fashion category consists of an unique category\_ID, cateogory\_name, gender and type\_ID.
5. These Products under electronics category consists of features with attributes like colour, size, weight, OS, RAM, Processor, Resolution and cat\_ID.
6. These Products under Fashion category consists of features with attributes like colour, size, gender, fabric type~~weight, OS, RAM, Processor, Resolution and cat\_ID.~~
7. The products are supplied by vendors, each identified by their unique vendor\_ID, vendor\_name, URL, product\_types, discounts, payment\_type and e-mail (can one product be sold by multiple vendors? For instance a mobile phone coming from two or more vendors. If that is the case then you need to have a way to maintain products separately and have another entity that maps products to vendors. The vendor-product-mapping will have to be linked with the order details so that we know which vendor is selling the product).
8. Vendors keep track of their items in stock through details such as a unique product\_ID, product\_name, price, stock, vendor\_ID and units\_on\_order.
9. These vendors can have more than one location. These branches are characterised by their Address, city, state, country, pincode, Phone no. and vendor\_ID.
10. Each customer is identified by a unique customer\_ID, customer\_name, Adress, city, state, country, pincode, Phone No. , E-mail and Password.
11. The customers can place orders which are identified by an unique order\_ID, customer\_ID, Total\_Amount, order\_number, payment\_ID, order\_date, required\_date, tax, paid and payment\_date, delivery date and time
12. The order details consist of an unique order\_detailsID, order\_ID, product\_ID, price, quantity, discount and product\_detail.
13. The customer can choose their mode of payment, which is identified by the payment\_ID and payment\_TYPE