

## **Database Title: *Maintenance of database of an E-Commerce site***

### **Scope of database:**

This database will provide information regarding the products categorized by their features, their stock, bookings and details of customers who have booked the products along with their payment details. Our database also includes details of various offers applicable to corresponding products. We further extend our database by including the details of dealers and shippers.

### **Description:**

An E-Commerce site offers a vast collection of products to the buyer based on different categories, where the buyer or user is supposed to select a product that most appropriately suits to his taste and price range. The customers are also provided the information regarding the various discount offers applicable on products.

The site also offers the customers, diverse modes of payments such as Credit Cards, Debit Cards, Cash on Delivery, VISA etc. After having a successful booking accomplished, the customer is provided a booking ID so that he/she can remain updated about the status of delivery of his/her booked product.

### **Following are sample queries, the system is expected to answer**

1. Retrieve all the products between the price range of 5000/- to 10000/- for the category Mobile Accessories.
2. Retrieve the status of Booking Id='12345'.
3. Retrieve all the orders of category='mobile accessories' with a customer name = 'ajay'.
4. Retrieve the shipper name and Dealer name of product with Booking ID='12345'.
5. Retrieve the name and price of all products under the category='mobile accessories', that fall in range of 15000/- to 20000/- after discount, and with original price more than 25000/-
6. Retrieve the name of bestseller book of the last month
7. Retrieve the name of all customers who have bought atleast one item from the last 5 years, in the category='xyz' (i.e the valuable customers).