

PROJECT SCENARIO

For our E Commerce Data Management Project, we have taken the following scenarios and functionalities into consideration:

- CreditCardInfo is taken for each individual order and not for each individual customer at the time of registration.
- Only after logging in, items can be added to the cart. So, a person needs a user account and needs to be logged into it to be able to add items to the cart.
- One customer can have only one cart.
- Admin can change the prices of products, which are reflected in PriceDetails.
- Admin can add products to the site.
- Admin can view all the details of all customers.
- Admin can get the purchase history of any customer.
- Customer view products of different categories and their details.
- Customer can order products.
- Customer can add product to carts.
- Customer can have many addresses.
- Customer can have only one e-mail ID.
- Customer can have many orders and many products in one order.
- Country of operation is only India.
- Estimated Time of Arrival is shown for a given order, i.e. the person will get the information of when the shipment will arrive.
- A single credit card can be used for multiple payments.
- A category has many products. For example, "Watches" can have various varieties of watches.
- Order cannot be given without having a Customer Account.
- Payment cannot be done without placing an order.
- The latest price of any given product in PriceDetails is updates in Product according to the Time_Stamp.
- A person can pay via Cash On Delivery (COD) or with a Credit Card, and only one of these methods of payment can be used for the same.
- Cart is '0' by default (i.e. number of items in the cart of a customer). After checkout from a filled cart, it returns to its initial value of '0'.
- When a customer adds an item to a cart, that particular item's stock amount is deducted from the Product.