

Q3- Imagine you work for amazon, what is the Meta data information you will store for an item in your Database. For E.g., the item is a shirt, once you have stored the Meta data how will use the information?

Ans- Meta data is a set of data that describes and gives information about the data. A product on an ecommerce website can be stored on the basis of its Category/Type, Id, Title, Description, Brand, Images, Selling Price, Actual Price, Colors(optional), Rating, Sizes(optional), gender(optional), Discount(optional), Sold Count till date, Reviews, Seller, Related Products etc. All this information is helpful while we are displaying the product as in, we can use its ID to distinguish the product from other products, Category is helpful in knowing its category, with Title and Description we can explain our product to the consumer, Images can be used to display it on our platform, selling price it what at which it is available for being sold and actual price is what at which it was launched. With ratings a customer can know how good that product is. Sizes, Gender and Discount of products can be optional. Sold till now will tell the customers that how many customers purchased that product till now. With reviews we can show our new customers the reviews of our previous customers and it is also helpful for sellers to get feedback. With all this meta data we will display our product in an excellent and self - explanatory manner.

Q4- Asset View Product

Ans- In this system we must have three or more than three layers out of which first one is application layer which consist of our application UI for user interaction where user can create account, delete account, login, logout, buy assets/stocks, sell assets/stocks, see pricing of other listed assets/stocks, watch his portfolio. Then our second layer consist our logic in the form of backend to handle the requests from the frontend and it is also connected to the database where we can store the history of stocks and user's transactions and account history which can be used while login/logout and in showing his portfolio with the latest changes held in the stock exchange. The last layer in our system is of actual stock exchange which give us the information about prices (ups and downs) of various listed stocks/assets and this data is directly shown to user and then saved into the database to maintain history of the asset/stock in database.

APPLICATION 1

SERVER

EXCHANGE

