Make up application

The given class diagram represents the overall procedure of ordering makeup product through an online application. This application will contain database on customers, products, orders, shipping in such a manner that satisfy user needs and desires . The customer portfolio contain all personal information about customer such as client id, customer name, email, address, this information help admin to market and target audience . In addition to that, there will be data on orders which will help to maintain and track the status of every order which in turn gives an idea about how many units are sold and how much stock is needed to fulfill clients demands. Data on shipping will help the supplier to reach their client orders on time.

Furthermore, there exist a relationship between each classes such as customer class and server class has an aggregation relationship with the user class. User class defines the basic or common attributes and method needed for any web application like user id , user name , user password , register date of the consumer thus, all of these attributes are private . Regarding the customer class , it extends the user class to customer id , customer name , email address , credit card info , shipping info , address and account balance whereas the all these details will be store privately in the data. The interface class will contain the attributes such as product id , product name , barcode which will let users to choose a product that they desire while they can scan any product QR code which will let them to view the details about the product .

coming to shipping and order details class , these two class have a composite relation with the order class which contains attributes such as order id, customer name , client id , shipping id , status of shipment , date of shipment by these attributes admin can easily search for the consumer that placed the certain order . in other words , this will help to maintain and track the status of every order which in turn gives an idea about how many units are sold and how much stock is needed to fulfill clients demands.

This is the reference for the database table

References

<https://youtu.be/XUdNVaSikqY>