



1. Here user can be a seller or a customer so we have derived seller and customer class from the user because they share similar properties.
2. A customer can have different status i.e. he may be a new customer or an already an active customer, therefore, we use enumeration to show different values for customer status.
3. A customer has an account and an account cannot exist without a customer therefore we use composition to show it.
4. An account consists of a shopping cart, A shopping cart cannot exist without an account therefore we use composition to show it.
5. A shopping cart and order can consist of many products therefore 1 to many multiplicities.
6. An order is completed by making payment.
7. A customer can place one or more orders and make one or more payments therefore one to many multiplicity.
8. An order can have many status values like order placed, shipped, delivered. Therefore we use an enumeration to show it.