

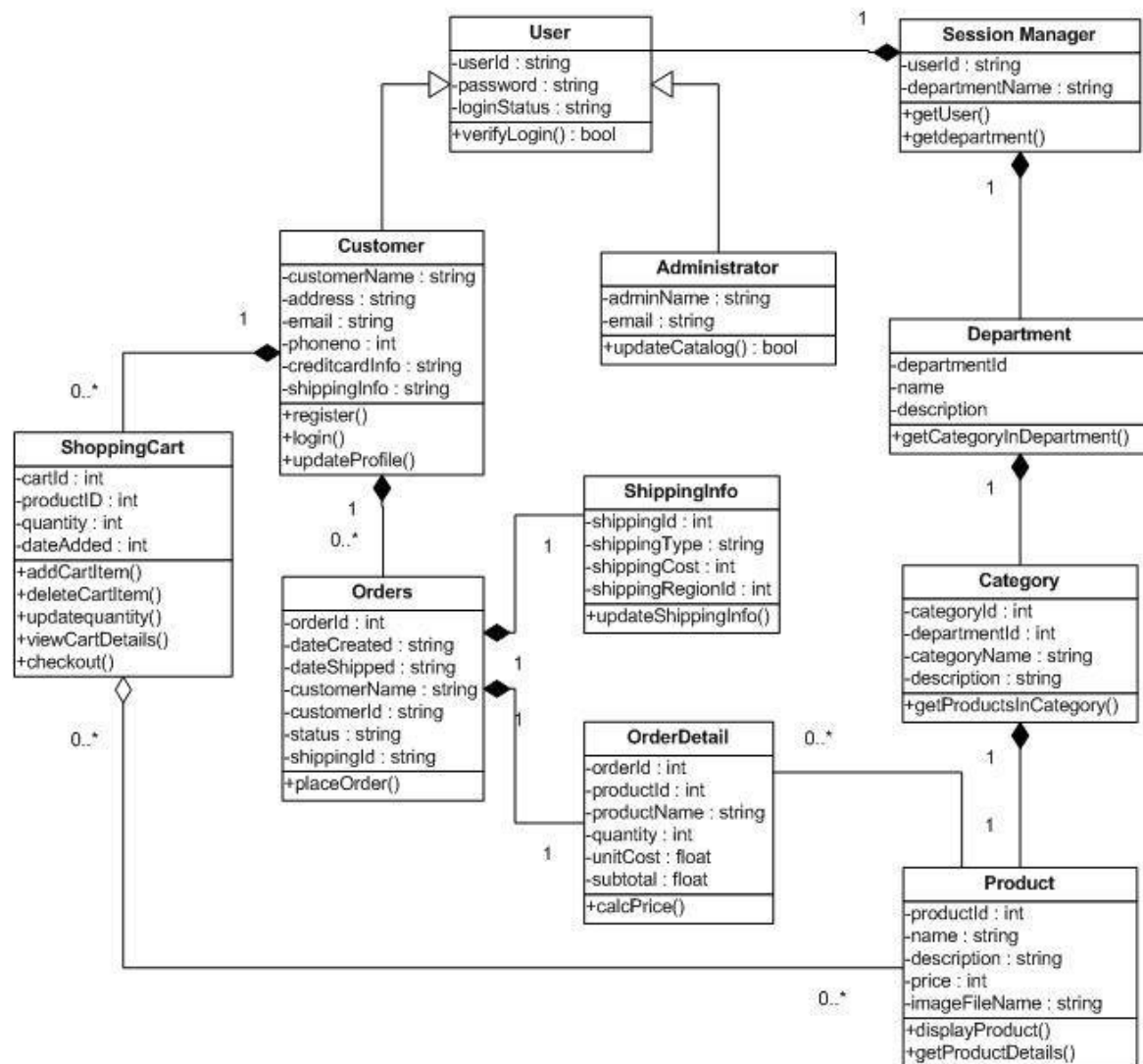
# Product Design

Team 7

SSAD46: MSME Cloud

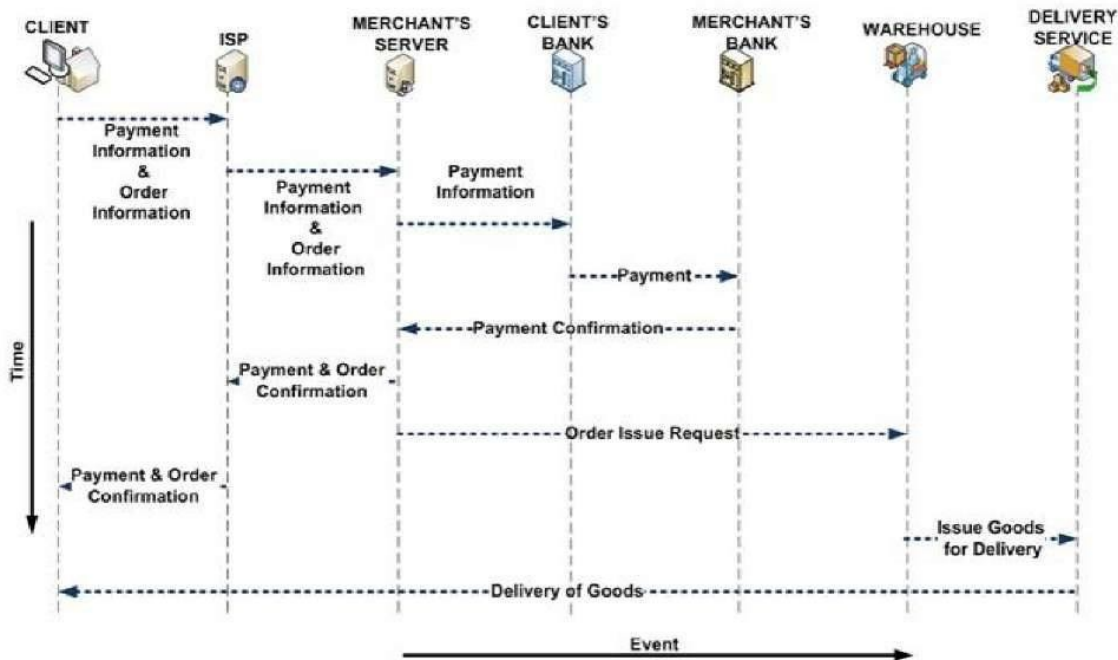
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## Design Model



Shopping Cart	<p>The class contains product information like product ID, quantity, date added and cart ID.</p> <p>This class has the functions for adding new items, deleting items, updating the cart, viewing the cart and checking out.</p>
User	<p>The class contains the user information of user ID, password and login status.</p> <p>The class supports the functionality of verification of login details.</p>
Customer	<p>The class contains information like customer name, email ID, contact number, credit card number and the shipping details.</p> <p>It supports the functionalities of registering, logging in and updating the profile.</p>

### Sequence Diagram:



## Design Rationale

Firstly, we had to design the basic interface and functionalities of an ecommerce website. We had to design and implement the features and all the interactions of the client and the interface, shown in the sequence diagram.

Then we had to design a model that categorized our website as a B2B ecommerce website, so we added the CIN Number verification feature, which also changed (filtered) the interaction of the user with the website, giving control to the moderator to verify, and delete orders.