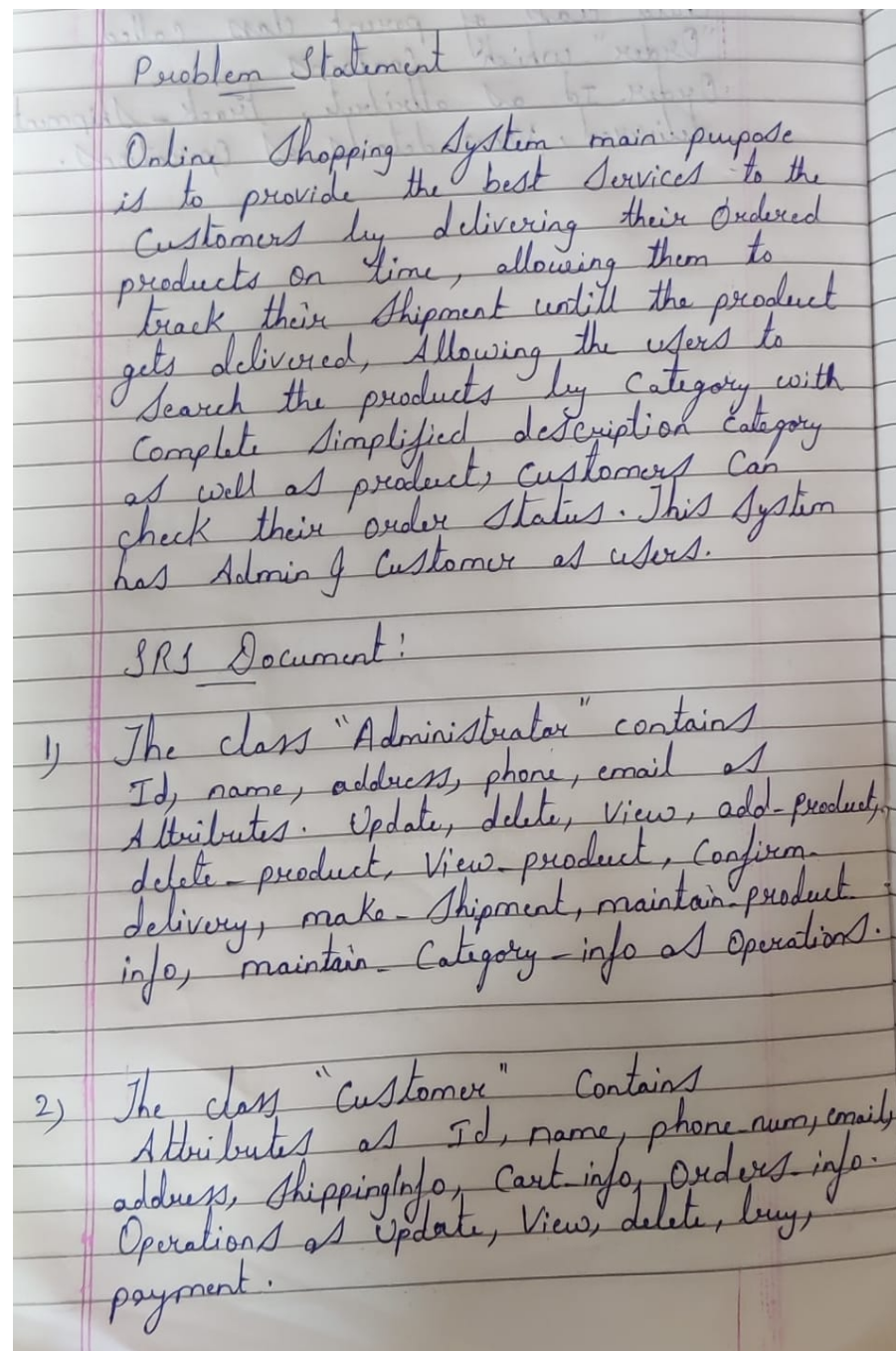


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Lab Exercise -4

1. Develop a problem statement for Online Shopping System.
 2. Develop a complete IEEE standard SRS document with several requirements.
 3. Draw appropriate class diagram.
- (The class diagram shall also include delegation approaches (composition) in order to overcome the problems associated with multiple inheritance)



- 3) The class "User login" contains User Id, email, password as attributes login, forgot password as Operations.
- 4) "Category" class has category name, description, product names as attributes. Update, delete, View as Operations
- 5) The class "product" contains name, Id, description, price as attributes update, delete, view, availability, reviews, buy, add to cart as Operations.
- 6) The class "Shopping cart" contains cart item, product Id, product quantity unit cost, Sub total as attributes. update, delete, view, cal total amt, proceed to buy as Operations.
- 7) The class "Payment" contains Id, Order Id, amt, description, date as attributes. Successful, denied, View, delete as Operations.
- 8) The class "Order" contains Id, billing address, shipment address, Order date, Order total, Shipping info, billing info, delivery estimate, items as Operations.

- 9) The class "Order Status" is a child class of parent class called "Order" which contains Order Id as attribute, track shipment, delivered, View details as Operations.

