**Services :**  Below are the services that were part of Ecommerce module.

* + - Customer Service
    - Product Service
    - Order Service

**Use cases covered till now:**

**Customer Service:** Below are the use cases covered as part of customer Service module

* New customer registration – createCustomer() - to create and maintain customer records in Database
* Validate user login – validateUser() - to validate the customer who login with credentials.

**Product Service:** Below are the use cases covered as part of Product Service module

* Add products to Cart functionality – addToCart() - to add products to the cart- cartId will be auto generated and customerId is maintained in DB Records
* Retrieving all product in DB – when customer logs in successfully, initially all products should be displayed. This service is being used in this scenario.
* Remove Product from cart – This is yet to develop

**Order Service:**  Below are the use cases covered as part of Order Service Module

* Placing Order – placeFinalOrder() - will be called to submit the final order which holds total price of products added into cart, customer Id, Order Id which is auto generated, Products list, Order status was maintained in DB
* Retrieving Past orders based on customer id – getOrderDetails() - will be called to retrieve past orders history of the customer.

**Flow Diagram:**

