LAB-7
SEQUENCE DIAGRAM

sd BuyProduct

:User	:SuperMarketManagementSystem	:Bank

1 : select items to buy

2 : display page for entering purchase information

3 : enter purchase information

4 : display message for entering payment details
5 : enter card number and pin

6 : Authenticate user

7 : verified

8 : do payment

9 : payment successfull

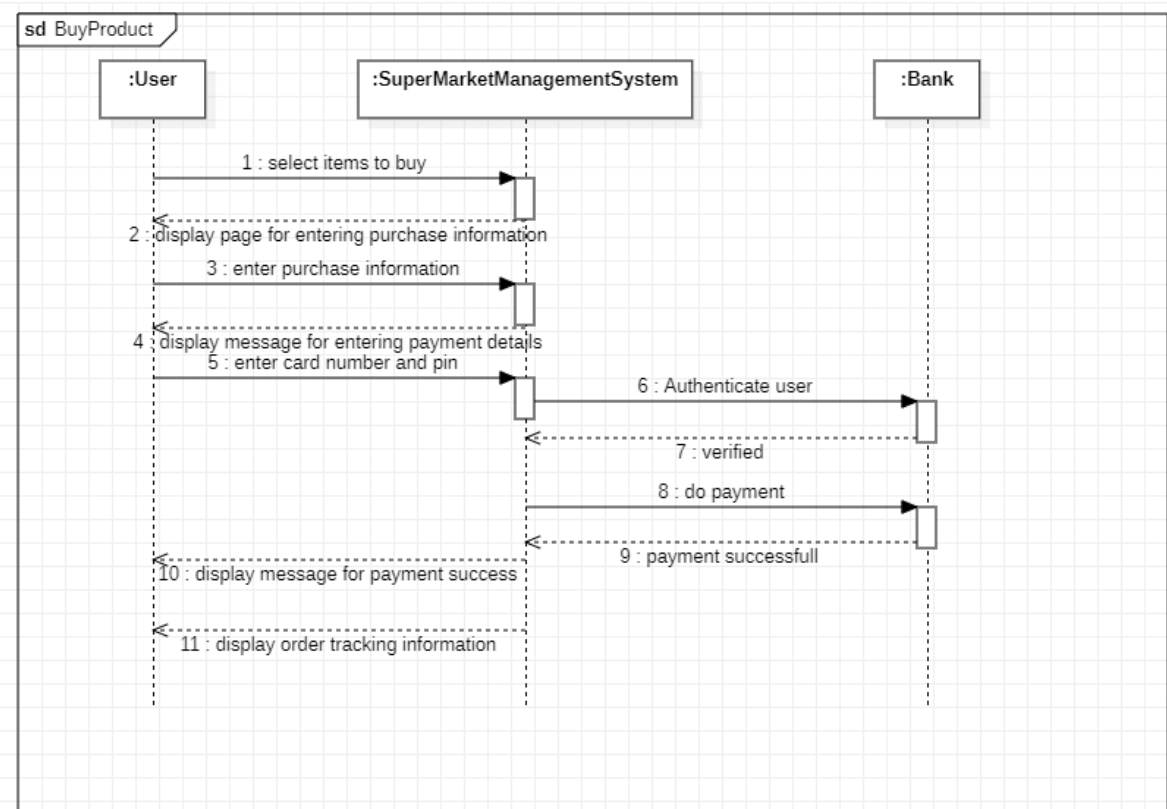10 : display message for payment success

11 : display order tracking information

Scenario for Buy Product Use Case

User selects items to buy from system

System displays message for entering purchase information to user

User enters the purchase information

System displays message for entering payment information

User enters card details

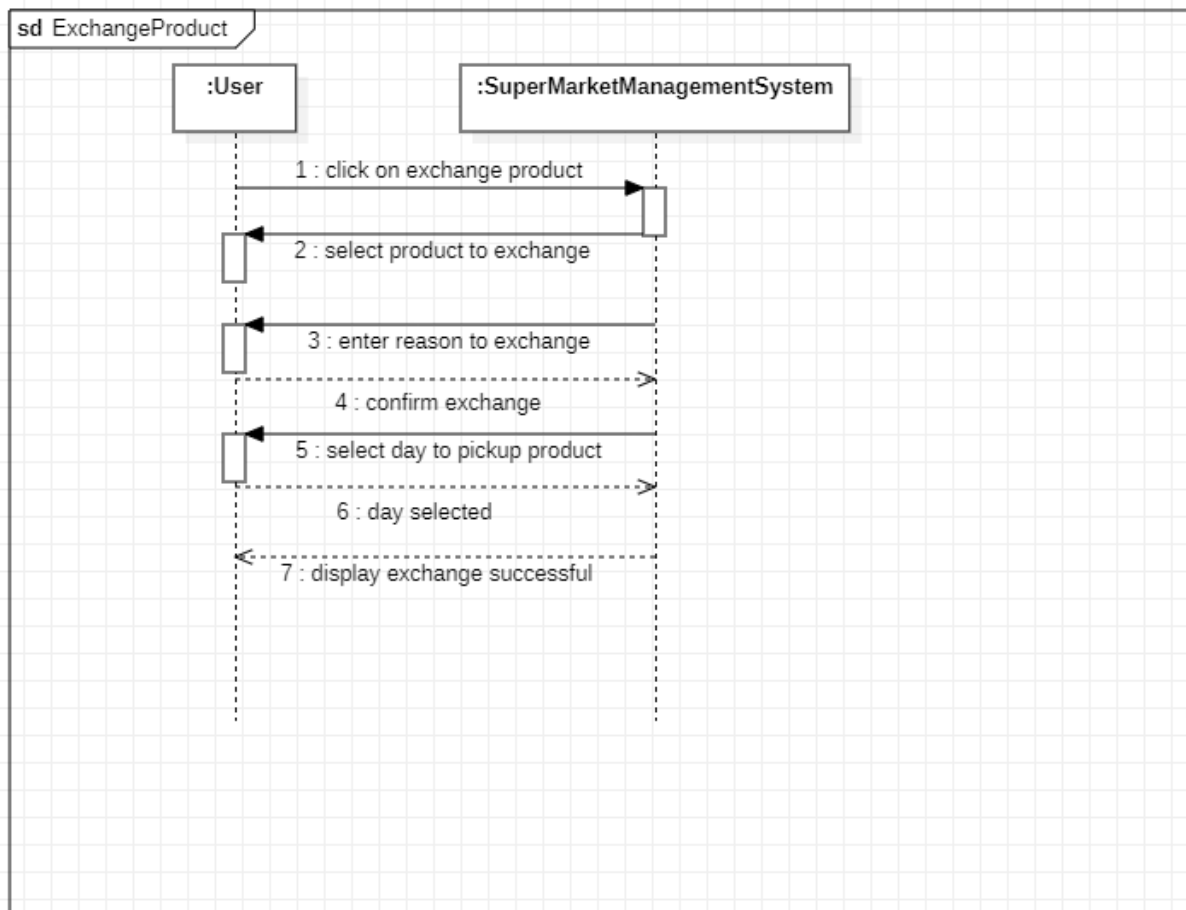System sends a message to bank to authenticate the user

Bank verifies user

System ask bank to do payment

Bank do the payment and sends message for successfully payment done to system

System displays message for payment successful to user

System displays order details with its tracking information

Scenario for Exchange Product Use Case

User clicks on exchange product
System asks user to select product to exchange
System asks user to enter reason for exchange
User enters reason and confirm exchange
System asks user to select day for pickup
User selects day on system
System displays message of successful exchange to user

LAB-8
ACTIVITY DIAGRAM

Login User

[Login fail]

[Login success]

[staff login]

[customer login]

Exchange Product

Return Product

View Products

Add to Cart

[Product not available]

Buy Product

Confirm product for exchange

Choose product to return

Specify reason of return

[Product available]

Confirm return

Select bank for payment

Enter card details

[User not authenticated]

[User Authenticated]

Payment success receipt generated

[stock manager]

[product delivery manager]

Check Stock

manage on-time deliveries

[enough stock]

[not enough stock]

[on time]

[delay]

Update

Order Stock

Update records

find the reason for late delivery

Update information

Review customer feedback

Send apology mail to customer