1.USE CASE DIAGRAM

ManageProduct

View Product

MakePurchase

Update Product

View Order

View Saledetails

Add Product

RemoveProduct

SearchProduct

Add to Cart

Remove fromCart

Checkout

Deliver Item

View ProductReport

Admin

User

«Include »

«Include »

«Include »

«Extend »

«Extend »

«Extend »

«Extend »

»

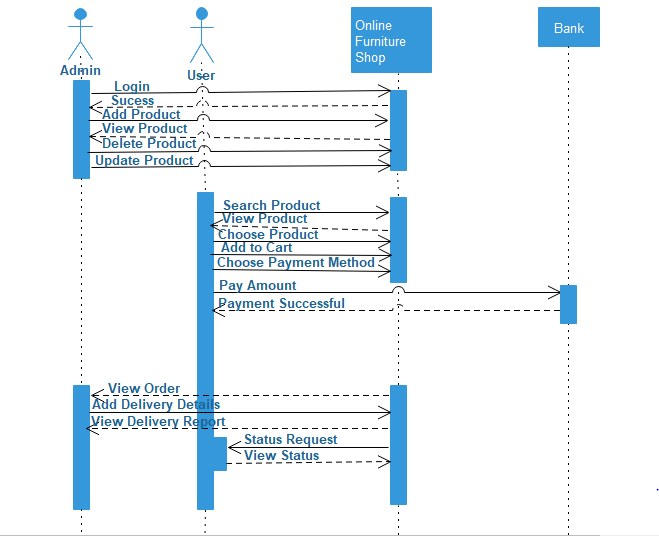
«Extend »

«Extend »

«Extend »

«Extend»

1. Sequence Diagram

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3.Activity Diagram

Customersends an orderrequest

Order request system confirms the receipt of the order

Confirm theorder

Dispatch theorder

Check Availability

Payment

4.Statechart Diagram

Idle

Choose Item

Add Quantity

Add to Cart

Payment

View Deliver Status

Login Failed

5.Collaboration Diagram

Intialization

:Customer

:Order

Add to cart

Payment

End of the process

1.Login()

2.Search Product

3.Payment()

4.Dispatch()

6.Class Diagram

Admin

-id:Integer

+username:Varchar

+Password:Varchar

View Products()

Add Products()

Delete Products()

Modify Products()

Products

+Product id: Int

+Name:Varchar

+Category:Varchar

+Quantity:Varchar

+Price:Float

+Description:Varchar

+Photo:String

Add Product()

Display Product()

Customer

+id:Int

+Name:Varchar

+Address:Varchar

+Phone No:Integer

+Email:Varchar

View Products

Add to Cart

Buy Product

Make Payment

Delete from Cart

Cart

+Id:Integer

+Product1:Char

+Product2:Char

+Price:Float

+Total:Float

View Status()

Payment

*+Id:Integer*

*+Name:Varchar*

*+Card No:Integer*

View Status()

1. Object Diagram

c1:customer

c\_id = 12

c\_name = maria

c\_pass = maria@908

c\_address=Abhinaya

phone9876678756

email=maria@gmail.com

ct1:cart

cart\_id=122

date=12/06/2019

p1:product

p\_name="powder"

p\_id=123

p\_price=120

a1:Admin

a\_id=124

a\_name=angel

a\_pass=angel@123

a\_phone=9845678798

a\_email=angel@gmail.com

01:Order

o\_id=156

o\_status=1

o\_date=12/04/2019

op1:Online Payment

amount=6000

date=12/01/20

payment\_id=123

card\_no=12345

a/c\_no=876

8.Deployment Diagram

