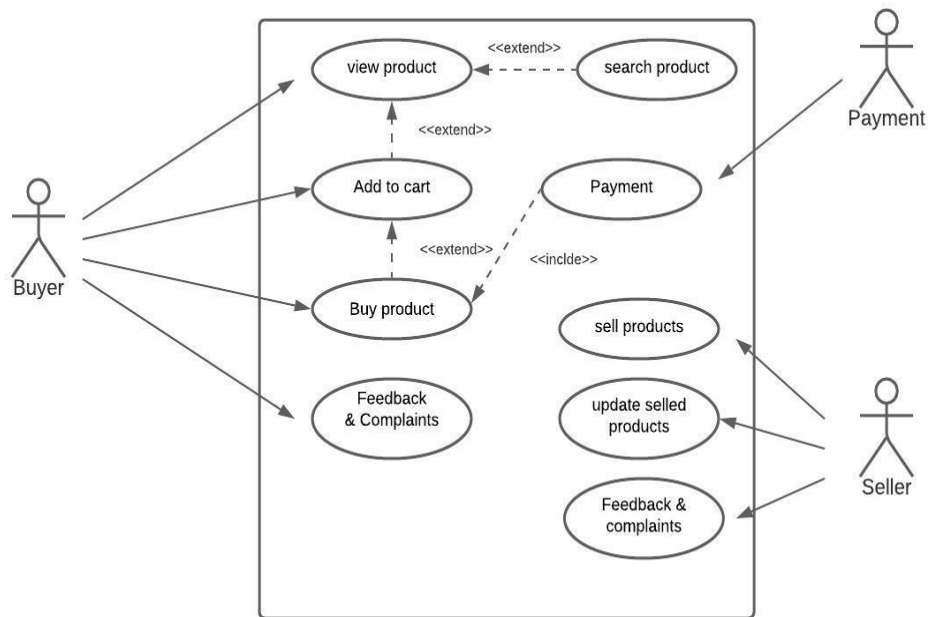# UML DIAGRAMS – AUTOMATED DAIRY FARM SOLUTIONS
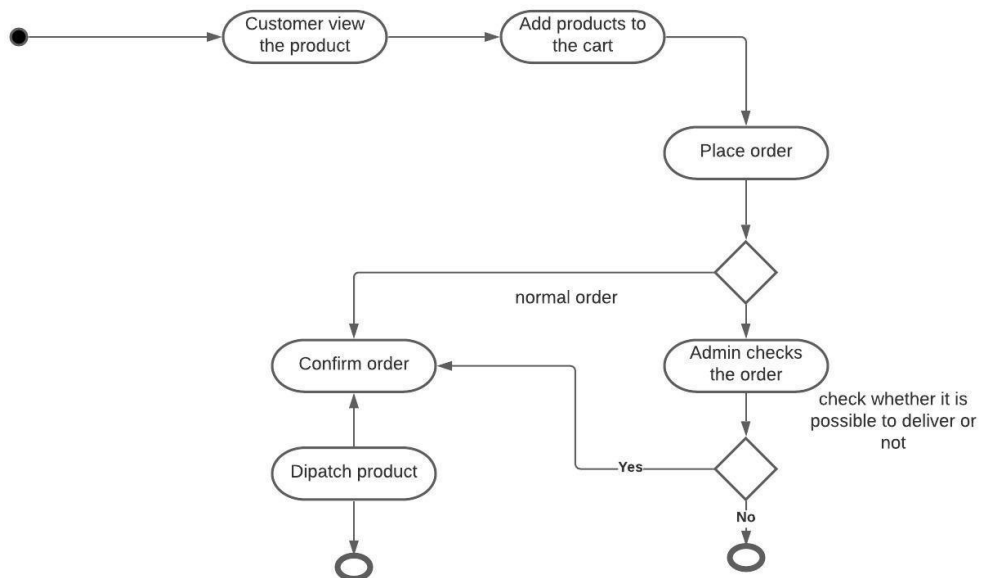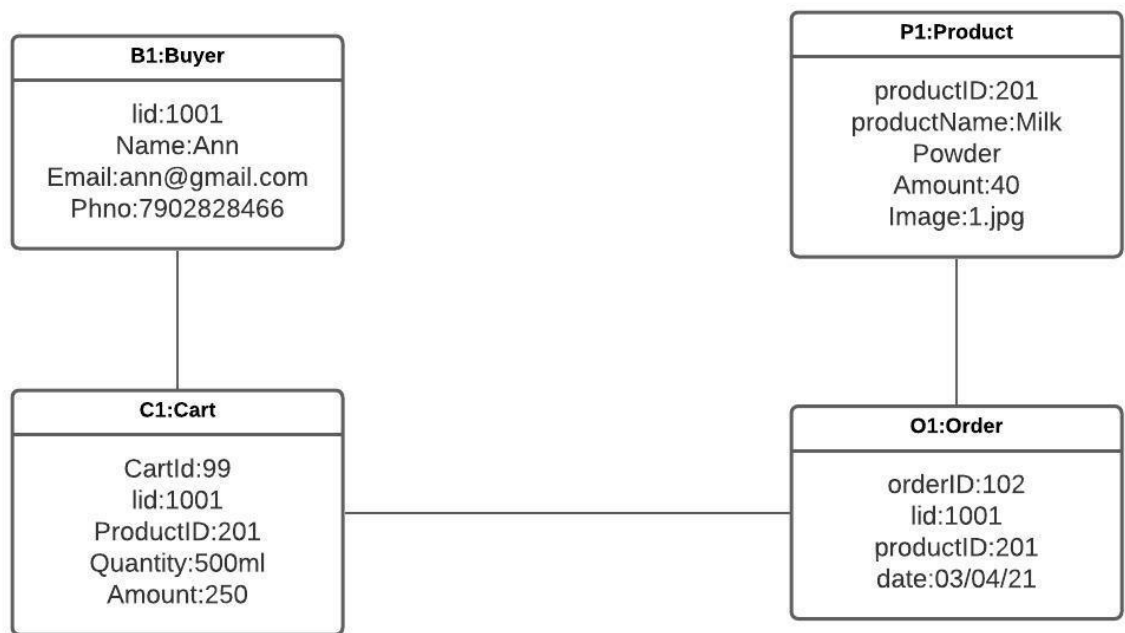
1. Use – Case Diagram (Online buying & selling of products)

2. Activity Diagram (Buying of a product)
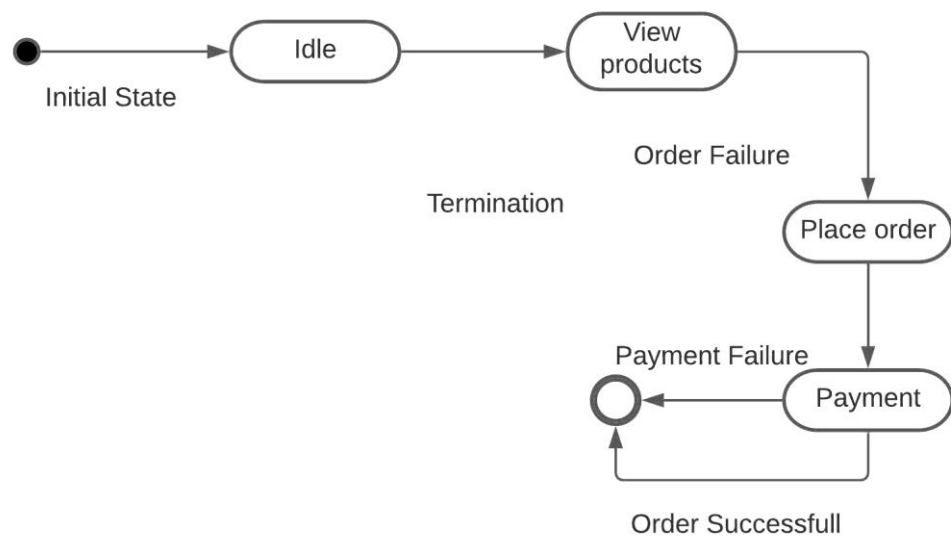
3. Object Diagram (Buying of a product)

B1:Buyer

lid:1001
Name:Ann
Email:ann@gmail.com
Phno:7902828466

P1:Product

productID:201
productName:Milk
Powder
Amount:40
Image:1.jpg

C1:Cart

CartId:99
lid:1001
ProductID:201
Quantity:500ml
Amount:250

O1:Order

orderID:102
lid:1001
productID:201
date:03/04/21

4. Class Diagram (Buying of a product)

Buyer

lid:int
name:string
email:string
phno:number

viewProduct()
searchProduct()

Products

productID:int
productName:string
productCategory:string
Amount:int
Image:blob

addProduct()
editProduct()

1

Cart

CartId:int
lid:int
ProductID:int
Quantity:int
Amount:int

addtoCart()
updateCart()

1

Order

orderId:int
lid:int
productID:int
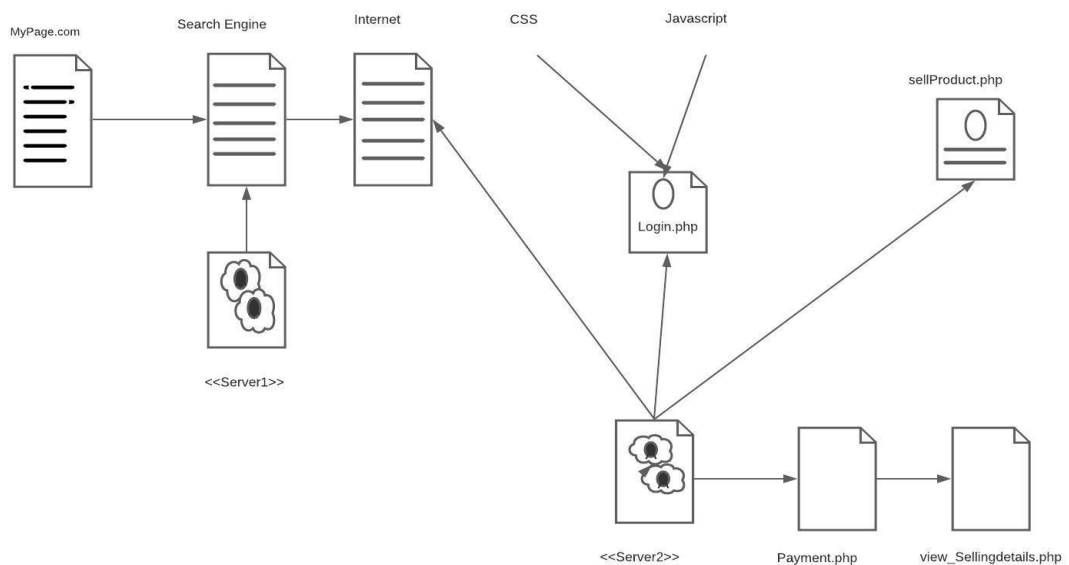date:Date

placeOrder()
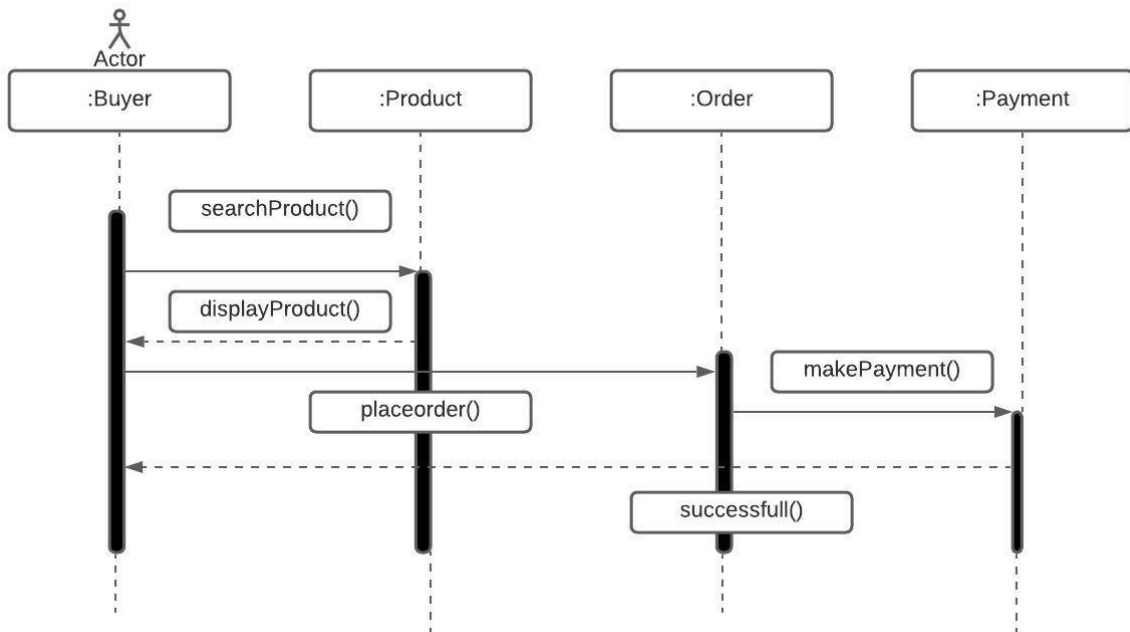confirmorder()

n

n
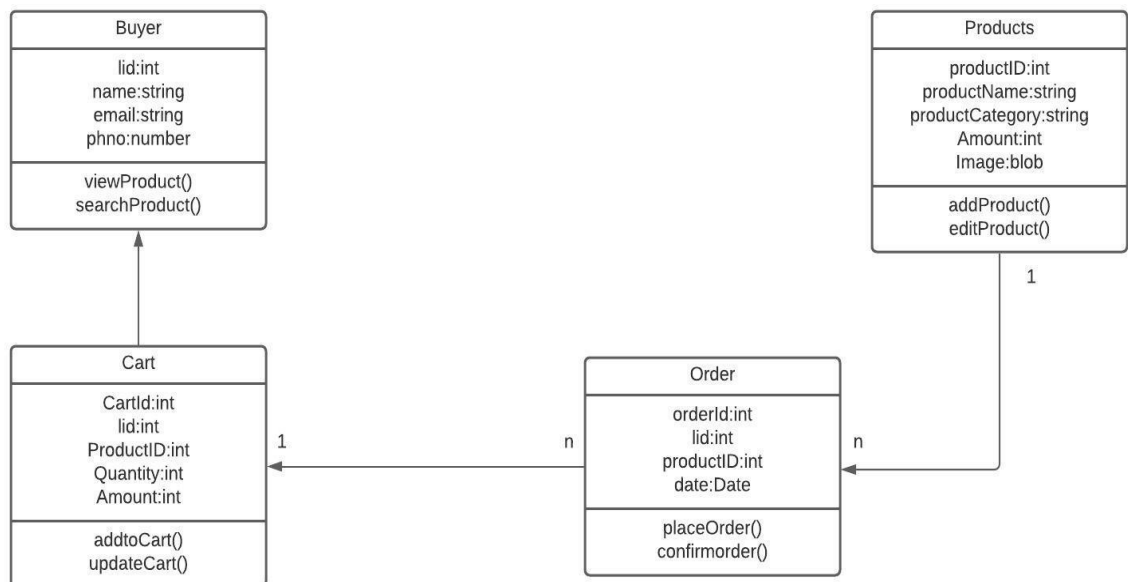
5. State – Chart Diagram

State-chart diagram for buying products

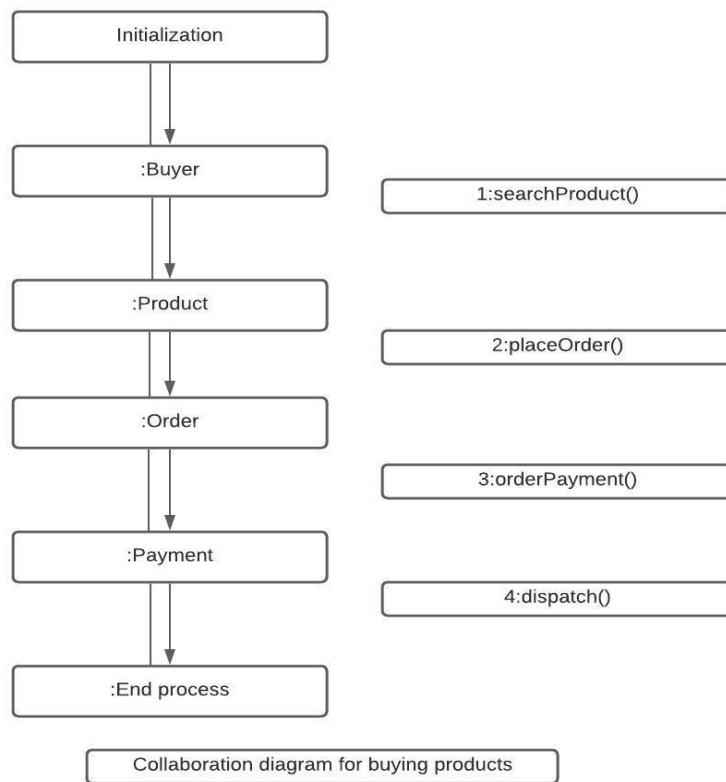## 6. Component Diagram

7. Sequence Diagram (for buying of a product)

8. Collaboration Diagram

Collaboration diagram for buying products

9. Deployment Diagram