use case Diagram:

A use case Diagram of online shopping
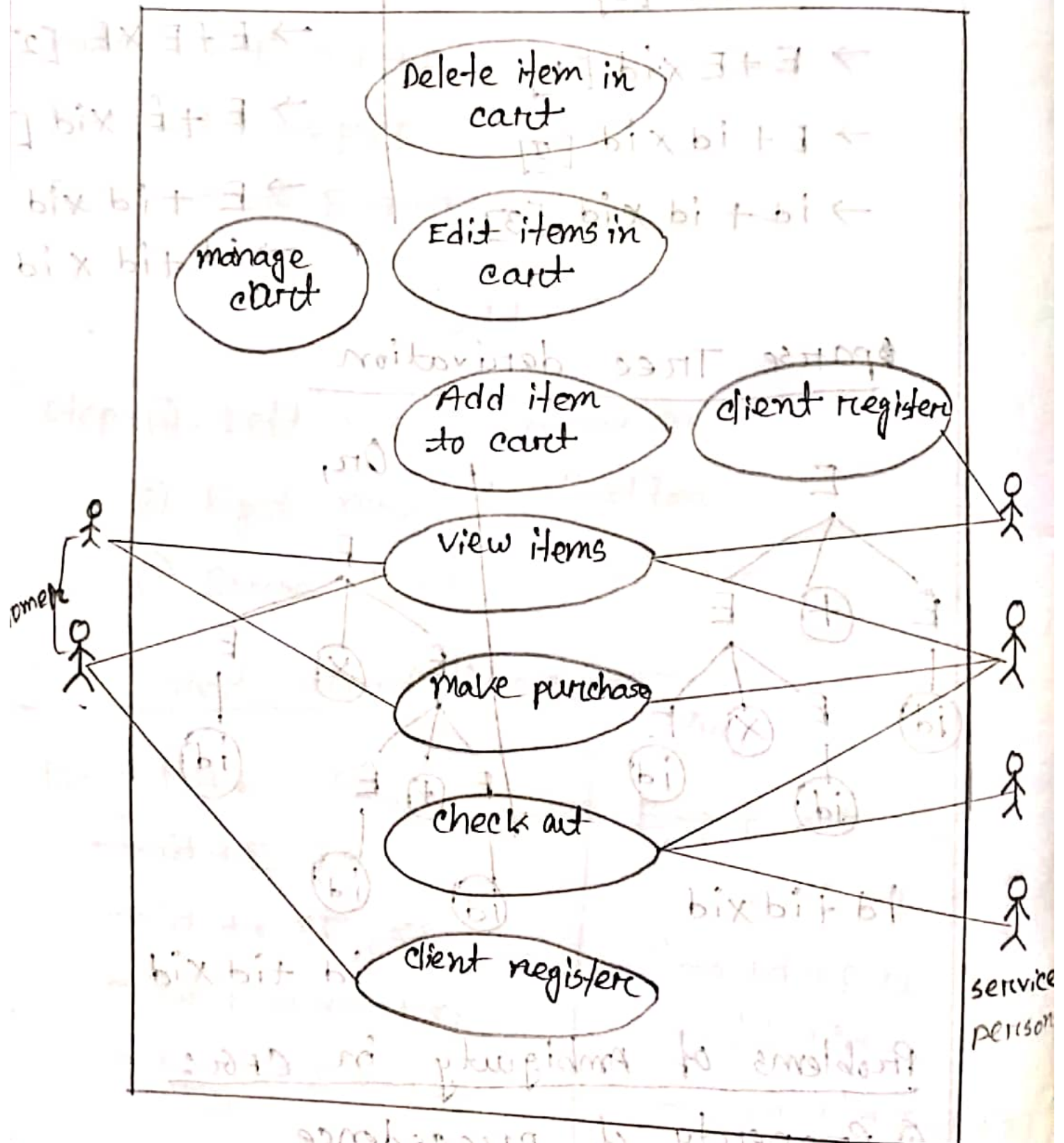
Logical Data Flow Diagram (DFD) of online shopping:

| customer | → item to purchase → | Identify item | → item id → | Look up prices | → | Computer total cost of order | → | Settle Transaction |

| Prices | → Prices → | Look up prices |

Customer → payment → | Settle Transaction | → receipt → Customer
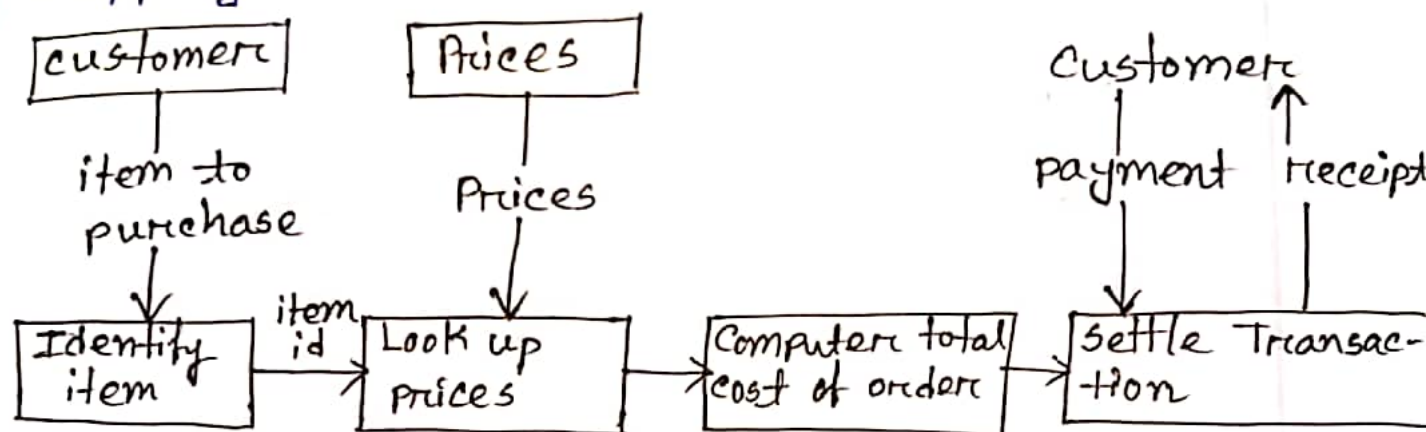
Object Diagram of online shopping:

Customer
Customerid : int
name : string
email : string
---
register()
login()
checkout()

has

places

shopping cart
Carctid : init
items : List<cart>
---
add.item()
remove item()
calculate Total()

Order
orderid : int
customer : cutom
items : List<order>
orderData : Date

Calculate Total()

Product
Productid : int
name : string
description : string
price : double
---
display Details()

Contains

is contained in

is include

cartitem
Productid : int
quantity : int
---
update Quantity()

Orderitem
Productid : int
quantity : int