System Architecture

**Customer Service**



**Checkout Service**



***Admin Gateway***

Query API

**Catalog Service**

**API**

Aggregaton

Integrations

***Admin***

***Storefront***

***Storefront Gateway***

Order Management

CheckOut

Customers

Catalog

**Order Service**



**ER-Diagram Of Ecommerce Project**

**Orders**

Customer\_id (fk)

order\_id (pk)

total \_amount

status

oder\_ date

shipping\_addres

**Products**

Vendor\_id (pk)

Product\_id (pk)

Product\_Name

description

price

category

availability

**Users**

User\_id (pk)

name

Email

Password

Role

Address

Phone-number

**Payments**

Payment\_id(pk)

Order\_id(fk)

Payment\_status

Pay\_date

Payment\_method

o

**Order-Items**

Order\_id(fk)

Product\_id(fk)

Quantity

price