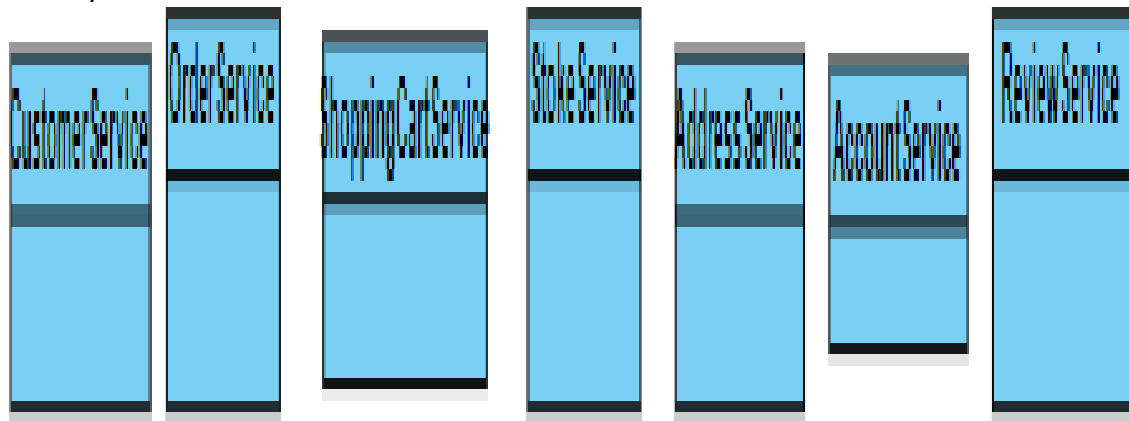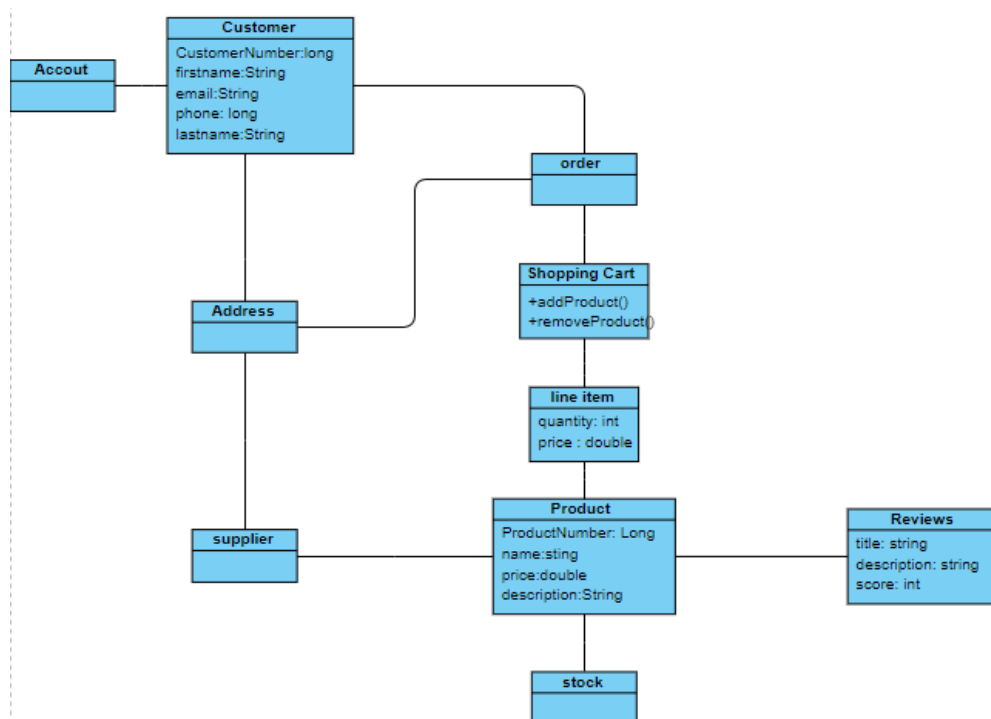Fikir Walle 610120

1  Service layer



Data Access layeer

2   The state can be stored

**It stored in client**

Advantages

High scalability

Less network and more reactive

Disadvantage

Not long time persist

**It stores in the server.**

**Dis avatage**
  low performance low scalable
  Not long time persist

**Database**

**Advantage**
  High scalable Long time persist

**Disadvantage**
  Low performance

□

| Integration type | Advantage | Disadvantage |
|---|---|---|
| RMI | | High coupling<br>Synchronous |
| Messaging (JMS) | Have buffer<br>Asynchronous<br>Low coupling | Need middleware |
| SOA   P | Have standard security ,transaction and interface description | Complex<br>Synchronous |
| REST | simple | No standard<br>Synchronous |
| Serialized objects over | | High coupling |
| Database integration | | High coupling |
| File based integration | | High coupling |

Advantage and disadvantage of distributed System

**Disadvantag**e
It will be complex
Security is more complex
Transactions are more complex
***Advantage***
More Resources Available