ConfigServer

Customer: 8081, 8083

Product: 8084

Shopping: 9876(default) ,

Payment: 8746

Git/ file system

ShoppingCart

id& card

/card

/customer: abc + order

/payment

/order -> /payment + /customer

Service Orchestration

/cust : /cutomer + /product

Load balancer: Feign, Ribbon

**Circuit Breaker**: Service is down:

Cache data for the service/ to which url user should be navigated/ default response

Customers: cached data

Payment : to some other service/ url

Response:

Api Gateway: Load Balancer

Load Balancer: Ribbon / Feign

When a client registers with Eureka, it provides meta-data about itself such as host and port, health indicator URL, home page etc. Eureka receives heartbeat messages from each instance belonging to a service. If the heartbeat fails over a configurable timetable, the instance is normally removed from the registry.

**Circuit Breaker**

https://cloud.spring.io/spring-cloud-netflix/multi/multi\_\_circuit\_breaker\_hystrix\_clients.html