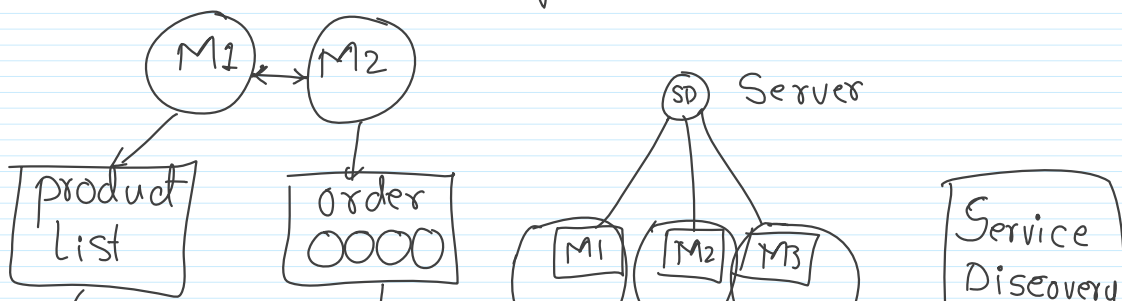
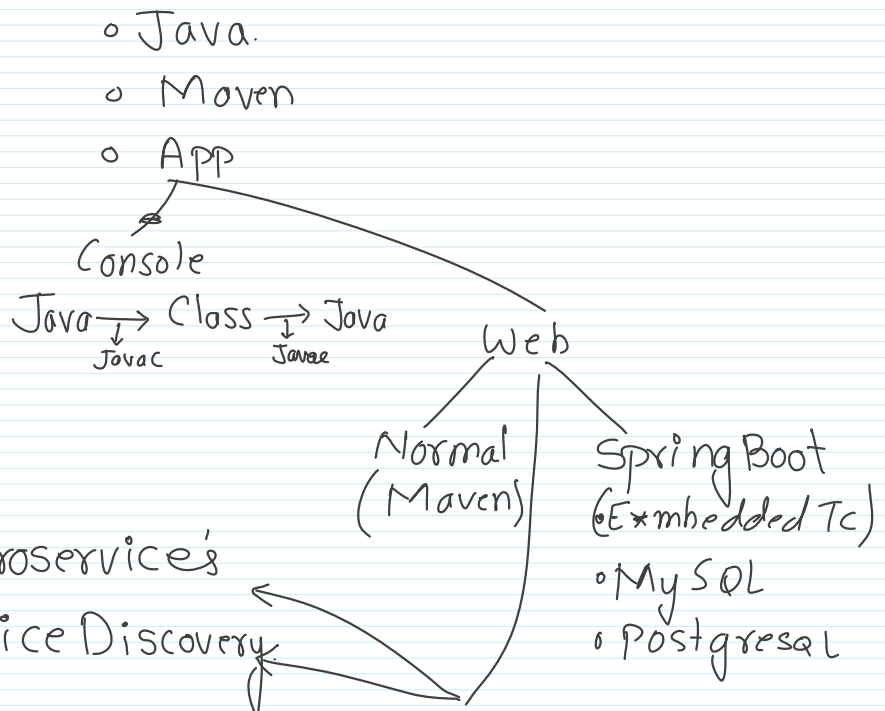
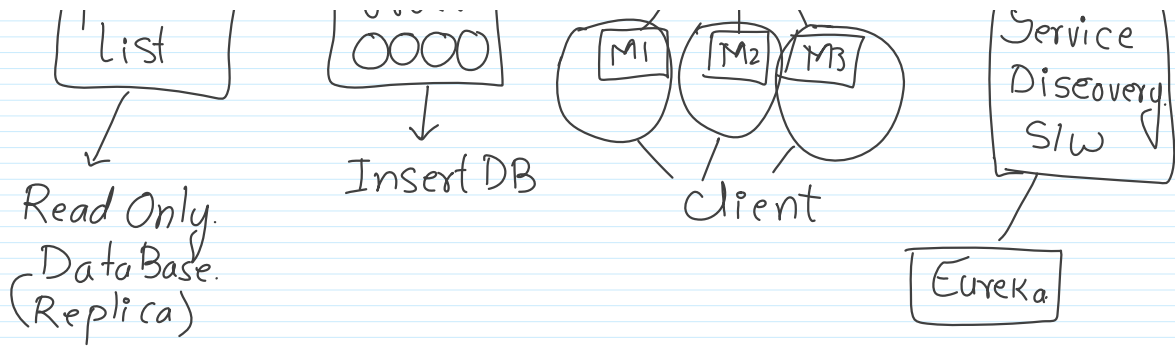


EC2/Kali

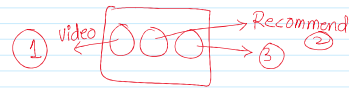




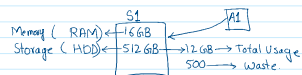
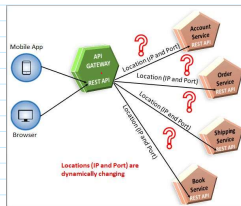
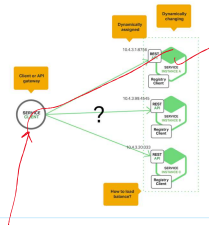
Service Discovery

- Process of Automatically detecting Device/services on a Network.

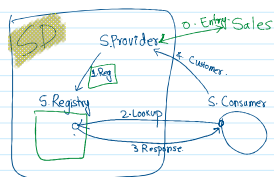
- Netflix

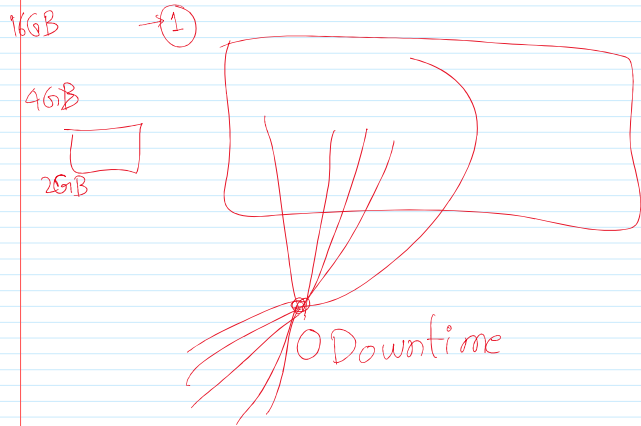


Netflix Eureka



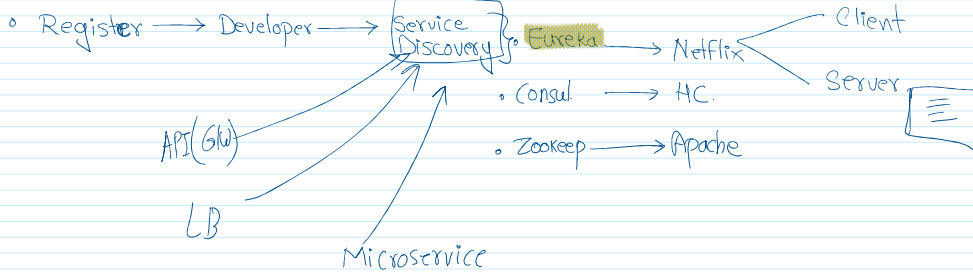
ISO Reg → 1 MB





• Loosely Couple.

• Individual.



Architecture.

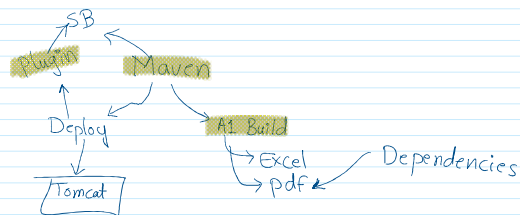
DevOps/Developer → Generate Structure. ✓

Developer → Code

- Create MS
- Register.

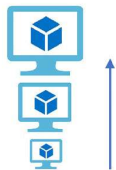
DevOps → Deploy

4] Check.



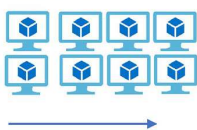
Vertical Scaling

(Increase size of instance (RAM, CPU etc.))



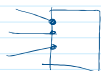
Horizontal Scaling

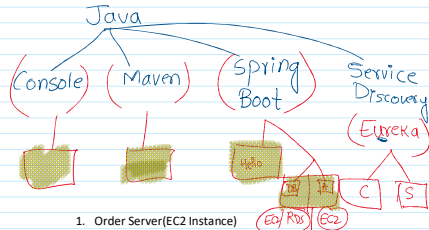
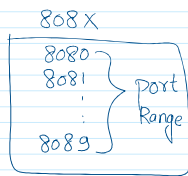
(Add more instances)



808X

808X





1. Order Server (EC2 Instance)
 - a. Instance Type: t2.micro
 - b. Operating System: ubuntu 22.04
2. Install Full Java 17 (JDK, JRE)


```
$ sudo su
# apt update
# apt install openjdk-17-jdk openjdk-17-jre -y
```
3. Install Git
 - a. # apt install git
 - b. # git --version
4. Clone Git Repository
 - a. # git clone <https://github.com/NubeEra-Practice/SpringBootApplication.git>
5. Install Maven
 - a. # apt install maven -y
6. Clean and Build -> Run
 - a. # mvn clean spring-boot:run
7. Check Application -> Share your team
8. Stop -> Delete Resources

Docker (Containers) ———— Orchestration (K8s)

