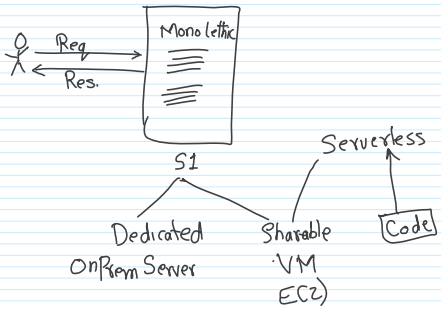
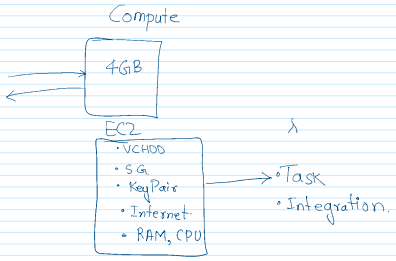
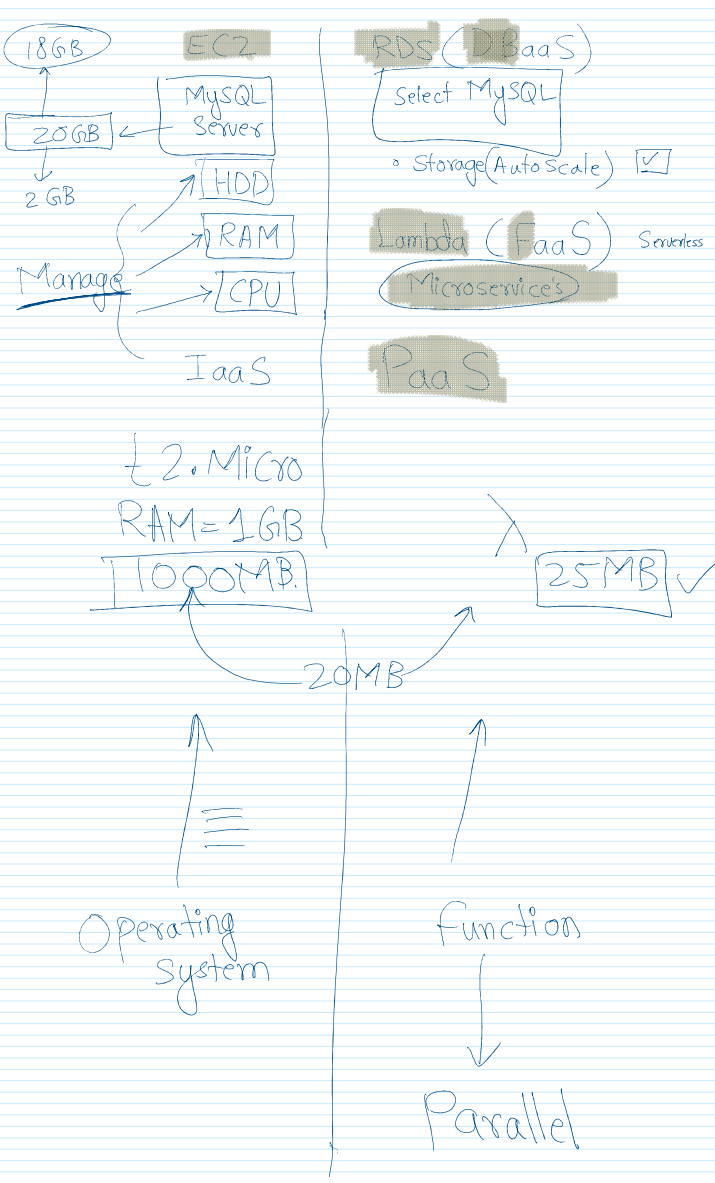
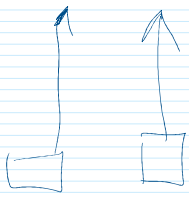

Req
Res.
Monolethic
S1
Dedicated
OnPrem Server
Sharable
VM
EC2)
Serverless
Code


Compute
4GiB
EC2
VCHDD
SG
KeyPair
Internet
RAM, CPU
Task
Integration.


18GB
20GB
2 GB
EC2
MySQL Server
HDD
RAM
CPU
Manage
IaaS
RDS (DBaaS)
Select MySQL
Storage(Auto Scale)
Lambda (FaaS)
Serverless
Microservices
PaaS
t2.Micro
RAM=1GB
1000MB
25MB
20MB
Operating System
function
Parallel

Container
Fargate
EKS
ECS

Instances



1 Sec

VM/HW CDM

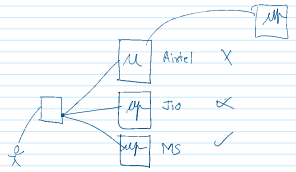
OS + Package

APP

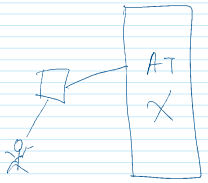
100 ms

GSM

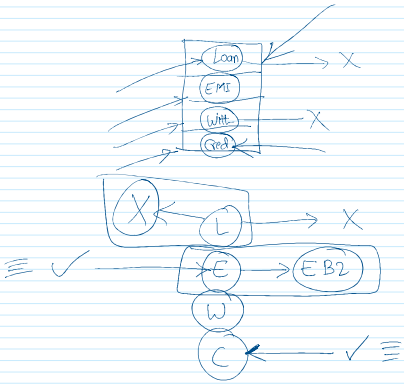
App

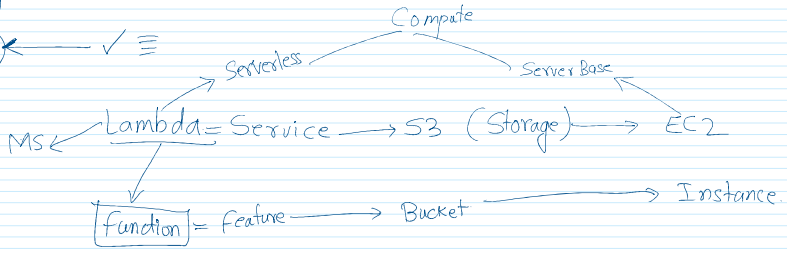


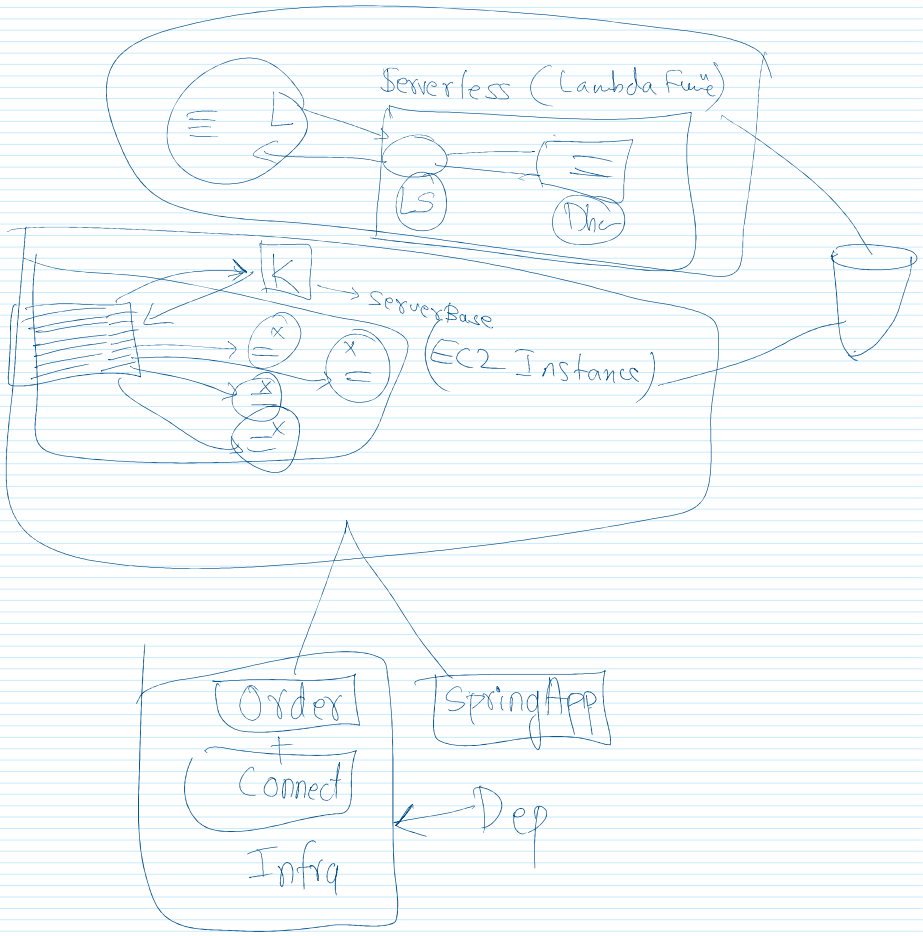
Micro Service's

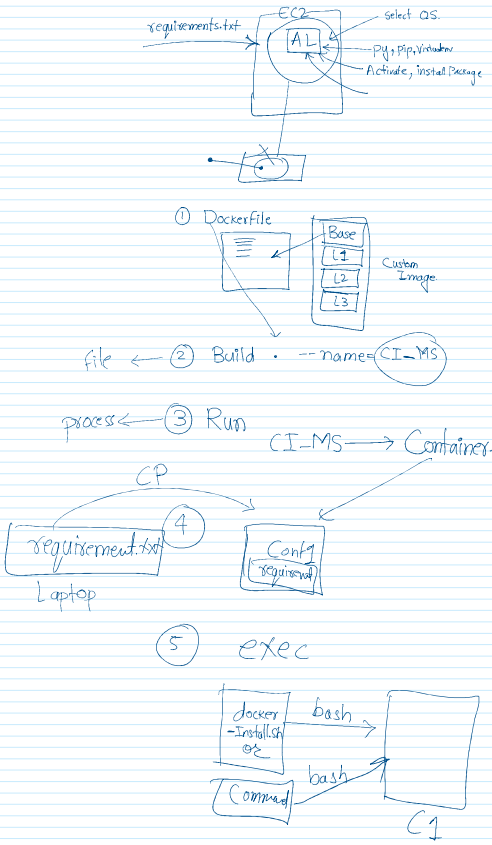


Monolethic
(EC2)

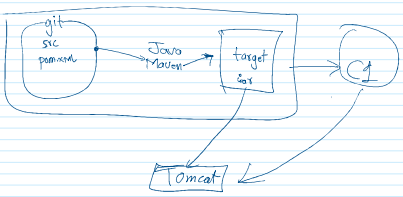





Serverless (Lambda Func)
LS
Dhc
K
ServerBase
(EC2 Instance)
Order
+
Connect
Infra
SpringApp
Dep


requirements.txt
EC2
AL
Select OS.
Py, Pip, Virtualenv
Activate, install Package
① Dockerfile
Base
L1
L2
L3
Custom Image
file
② Build . --name=CI_MS
process
③ Run
CI_MS → Container_MS
CP
requirement.txt
④
Laptop
Config
requirement
⑤ exec
docker-Install.sh
bash
Command
bash
C1

6 Stop

C1 ⟶ C1

Running Stopped