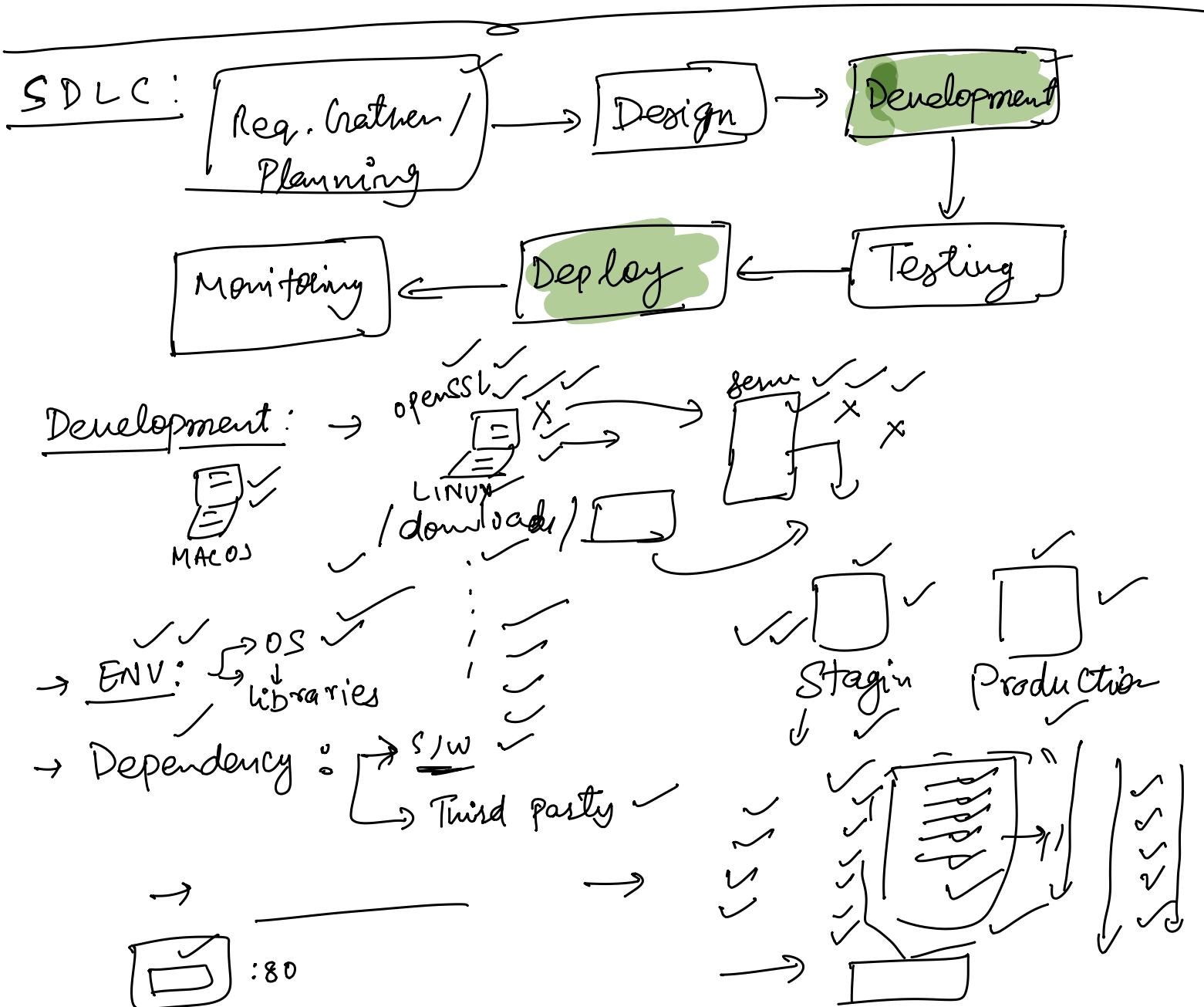
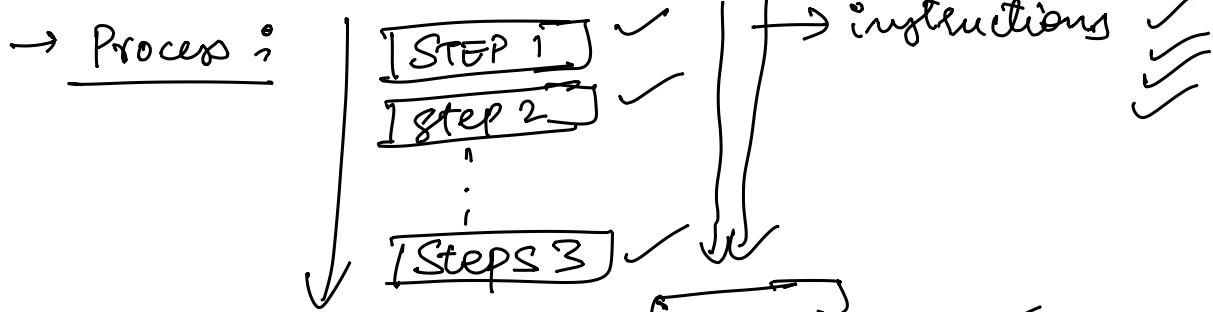


# Fundamentals of Docker and Kubernetes

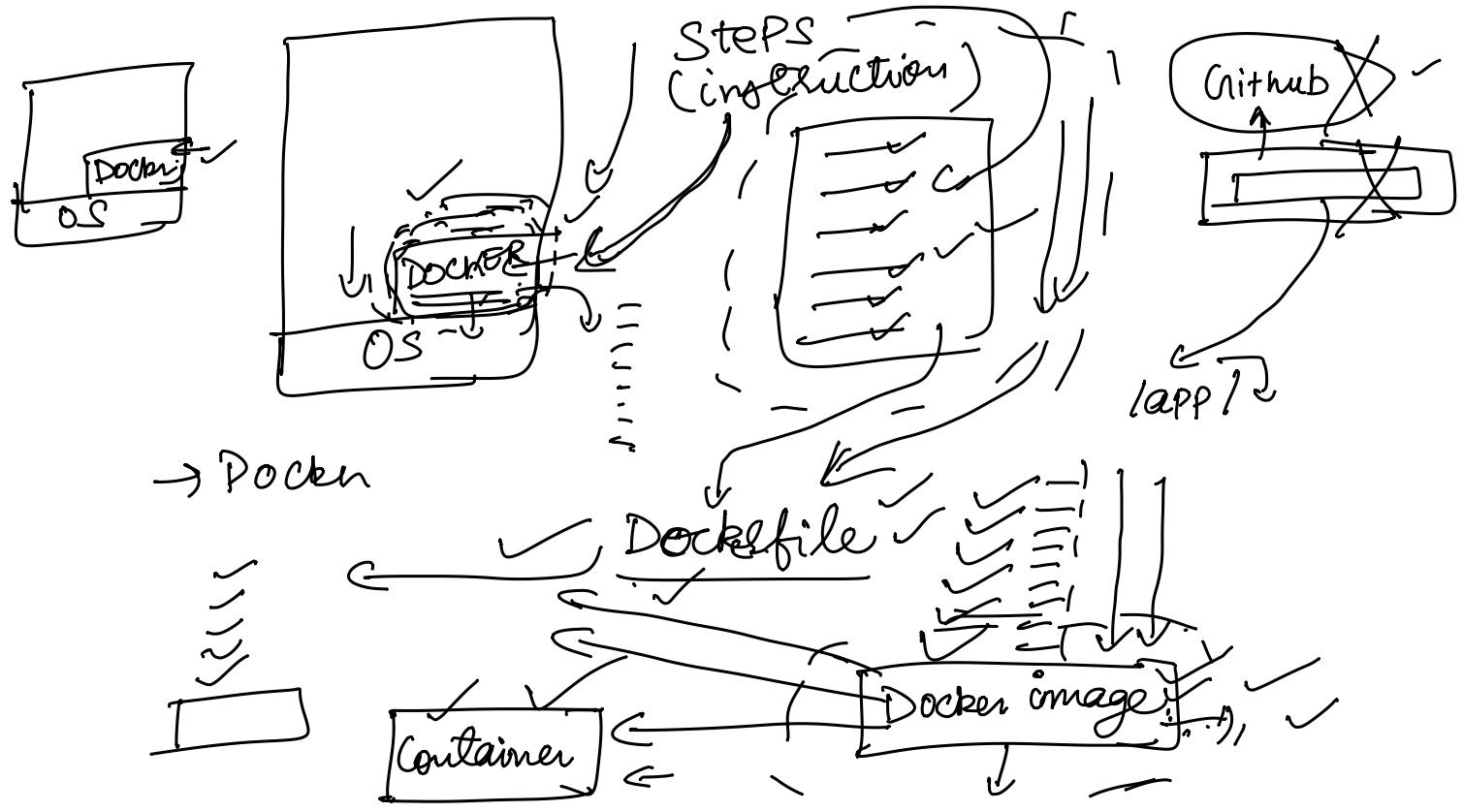
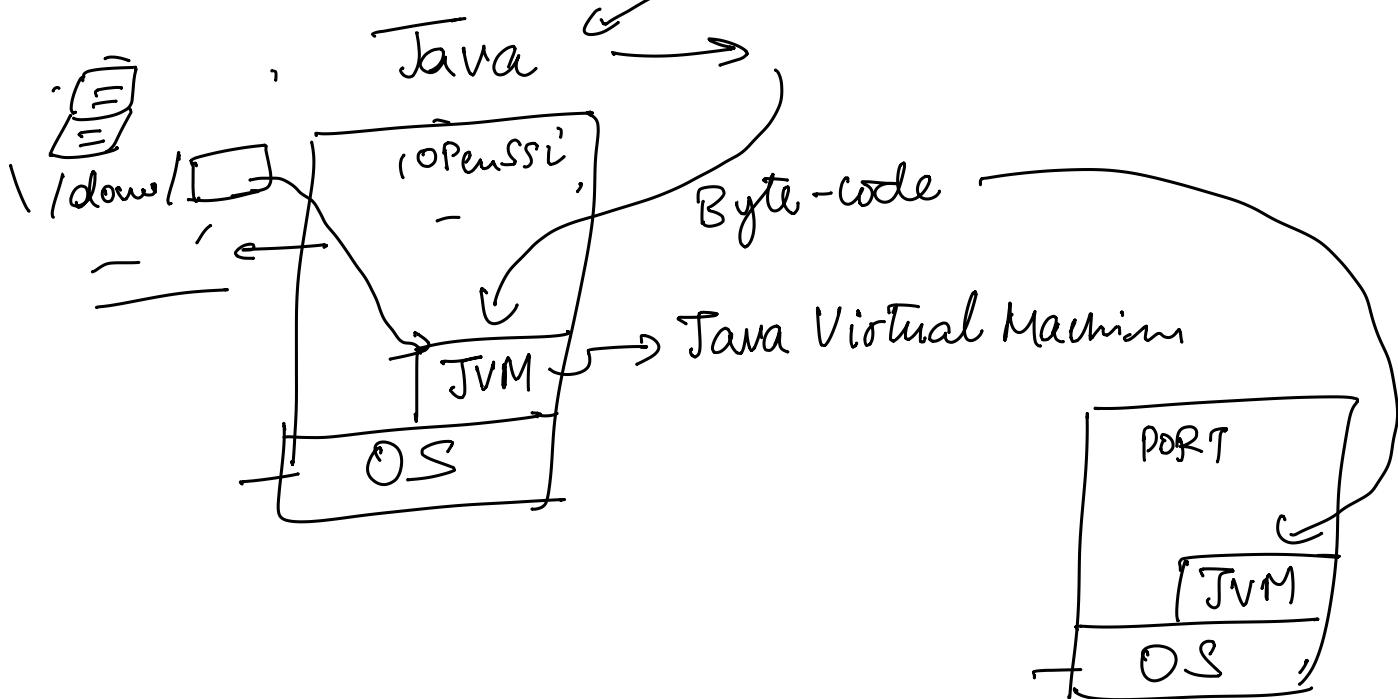
- Docker: → SDLC:
  - Challenges faced in a "Dockerless" ✓ } 2W
  - Introduce docker
  - Hands on session
  - docker-compose
- K8S: → microservices
  - The need of K8S (Orchestration) } 3W
  - K8S arch
  - Hand-on K8S

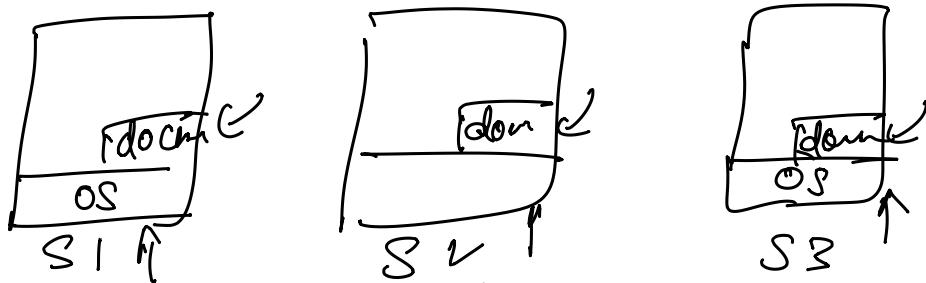




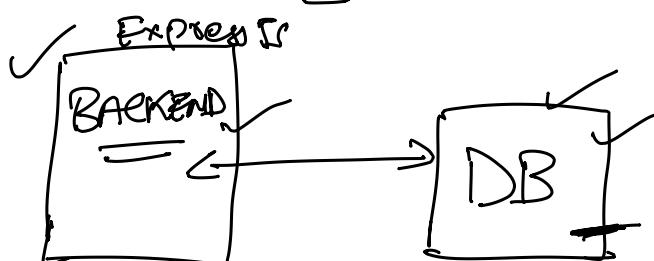
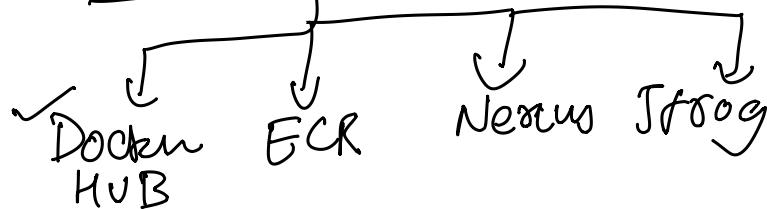
"WORA" → "Write once, Run anywhere"

"James Gosling" →

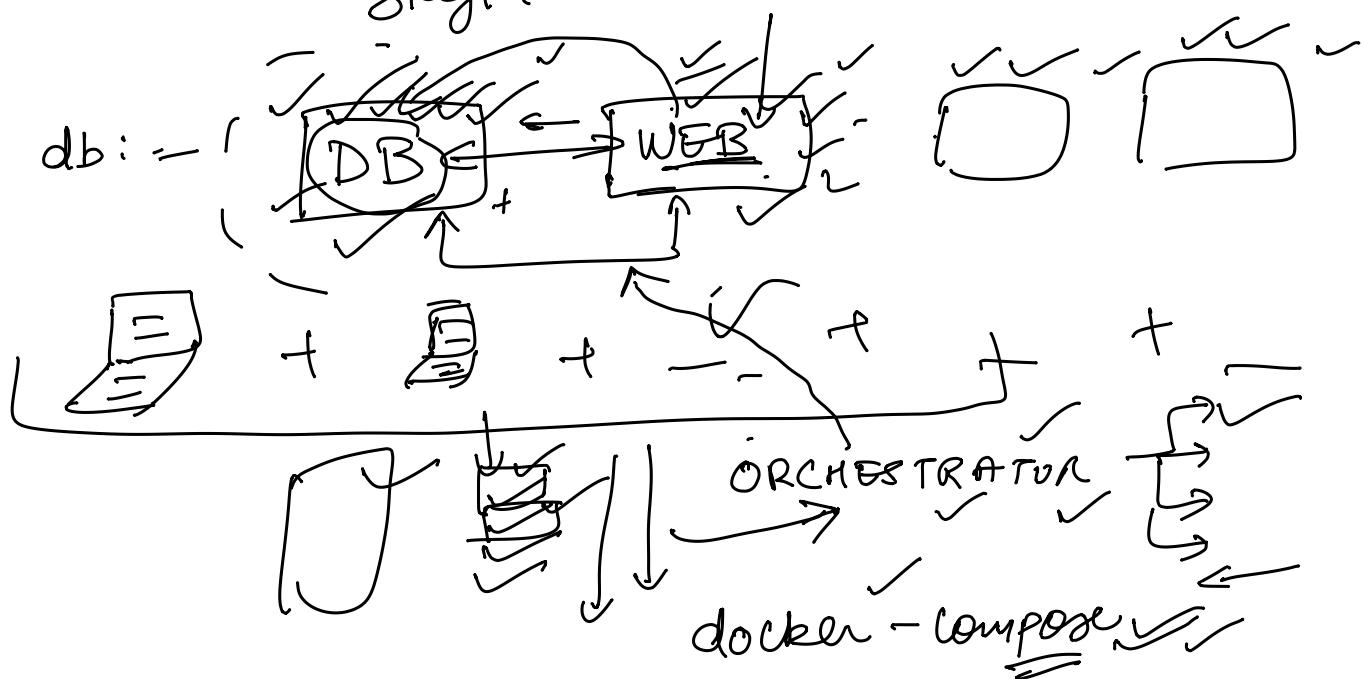
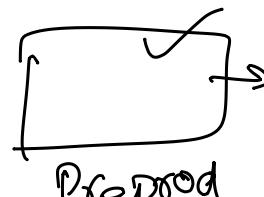
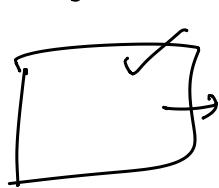
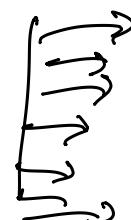


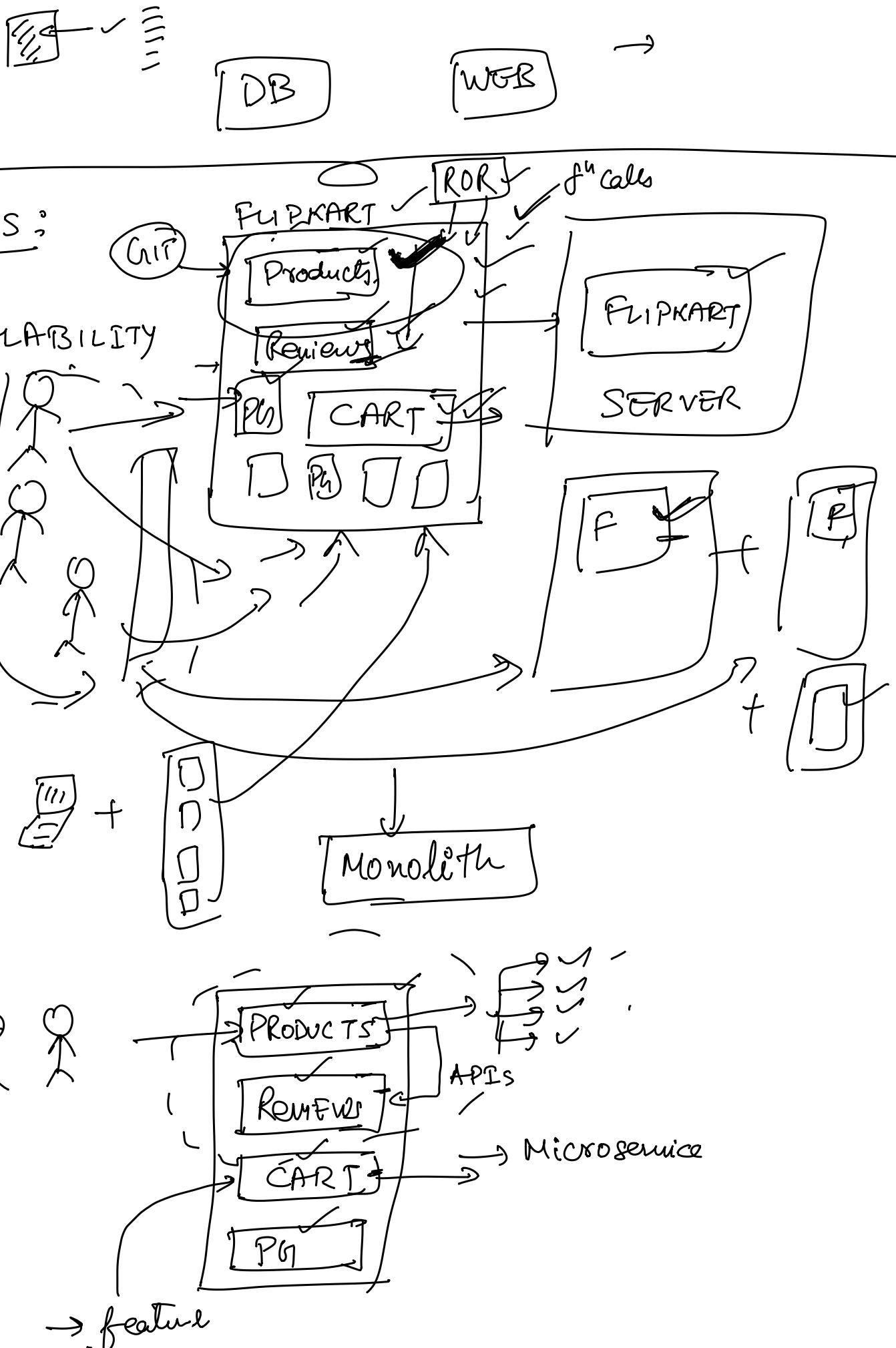


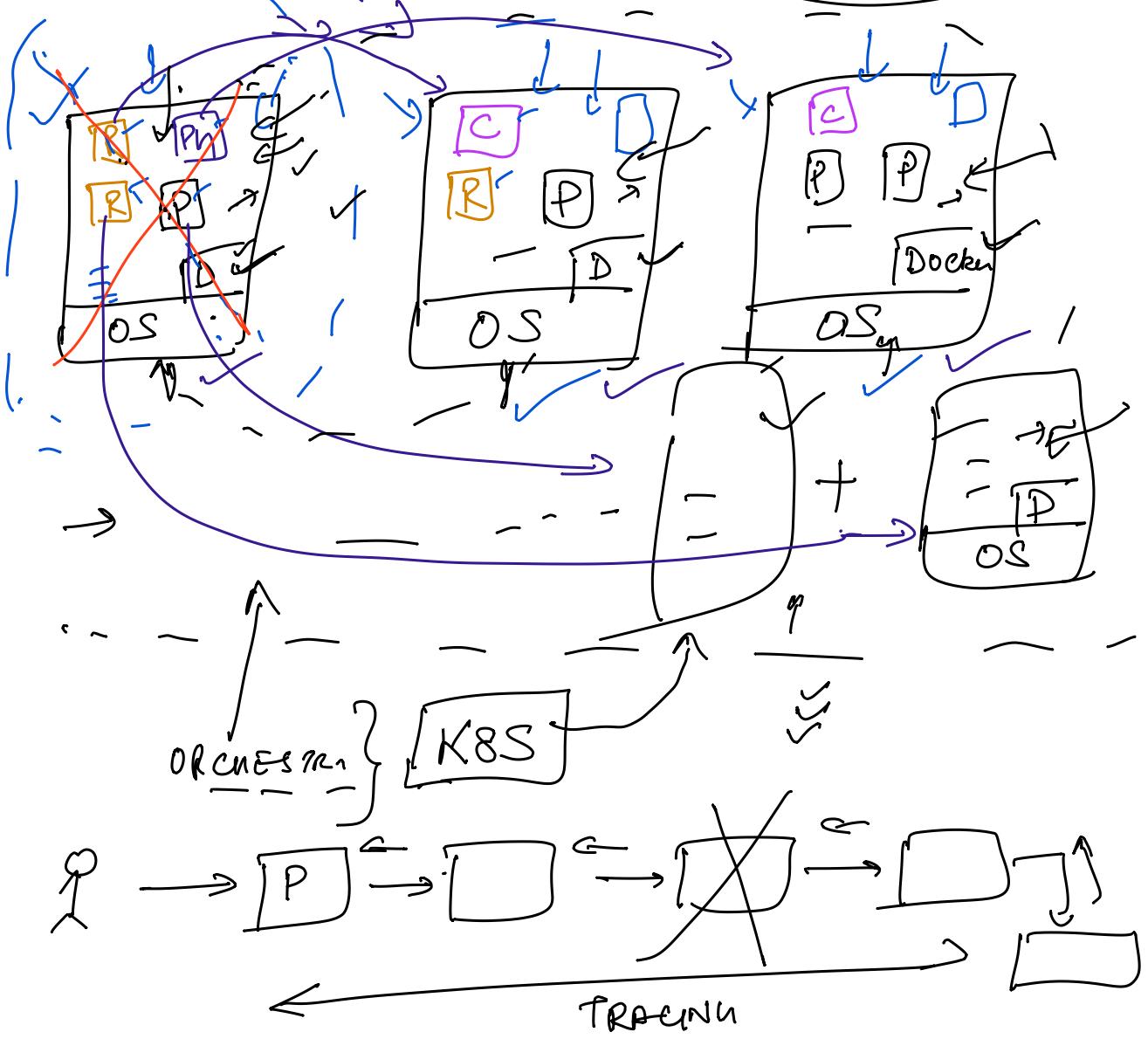
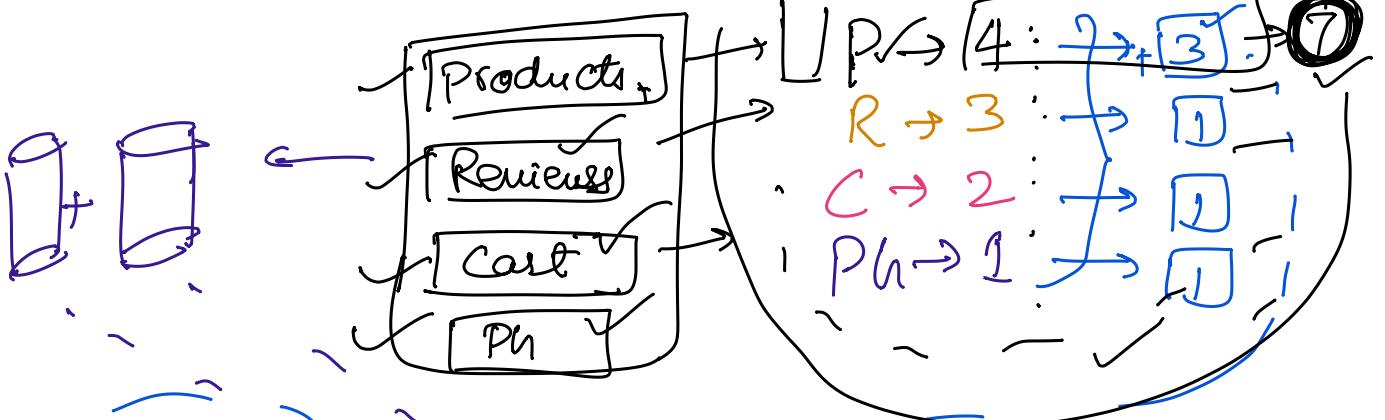
→ Docker Registry → Repository



**node: 20**  
 Name      Image Tag (version)  
 docker image







### BASIC ARCH. OF K8S:

