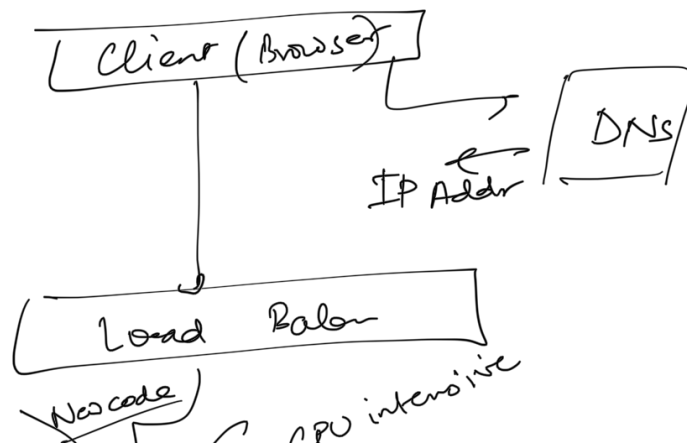
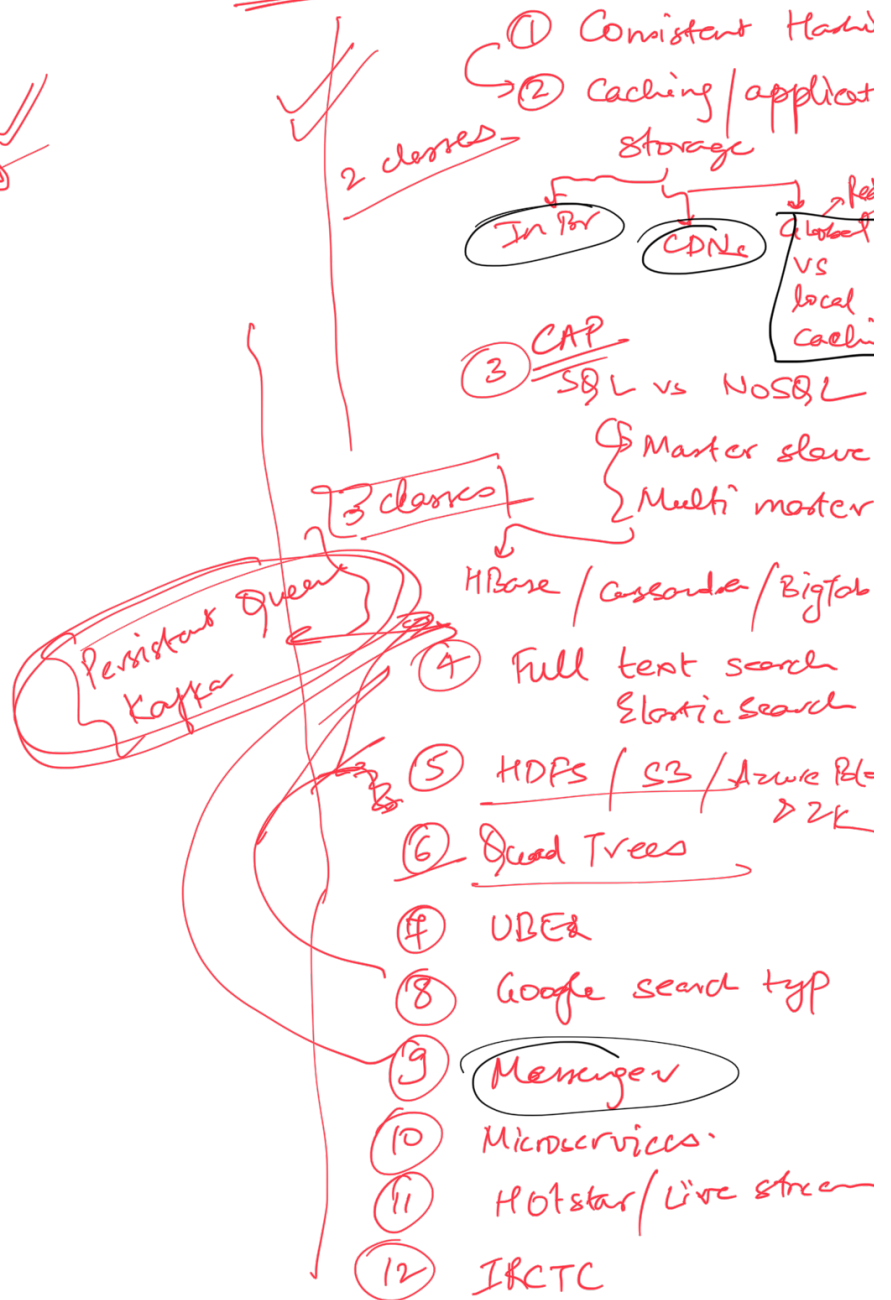
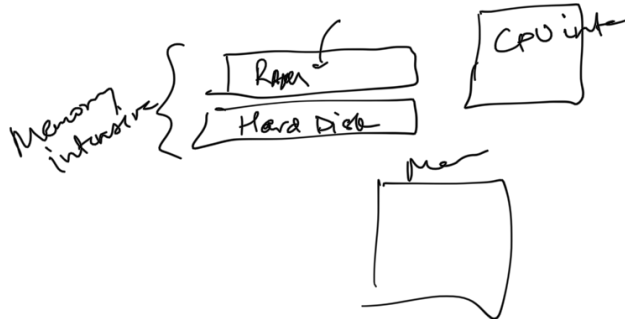


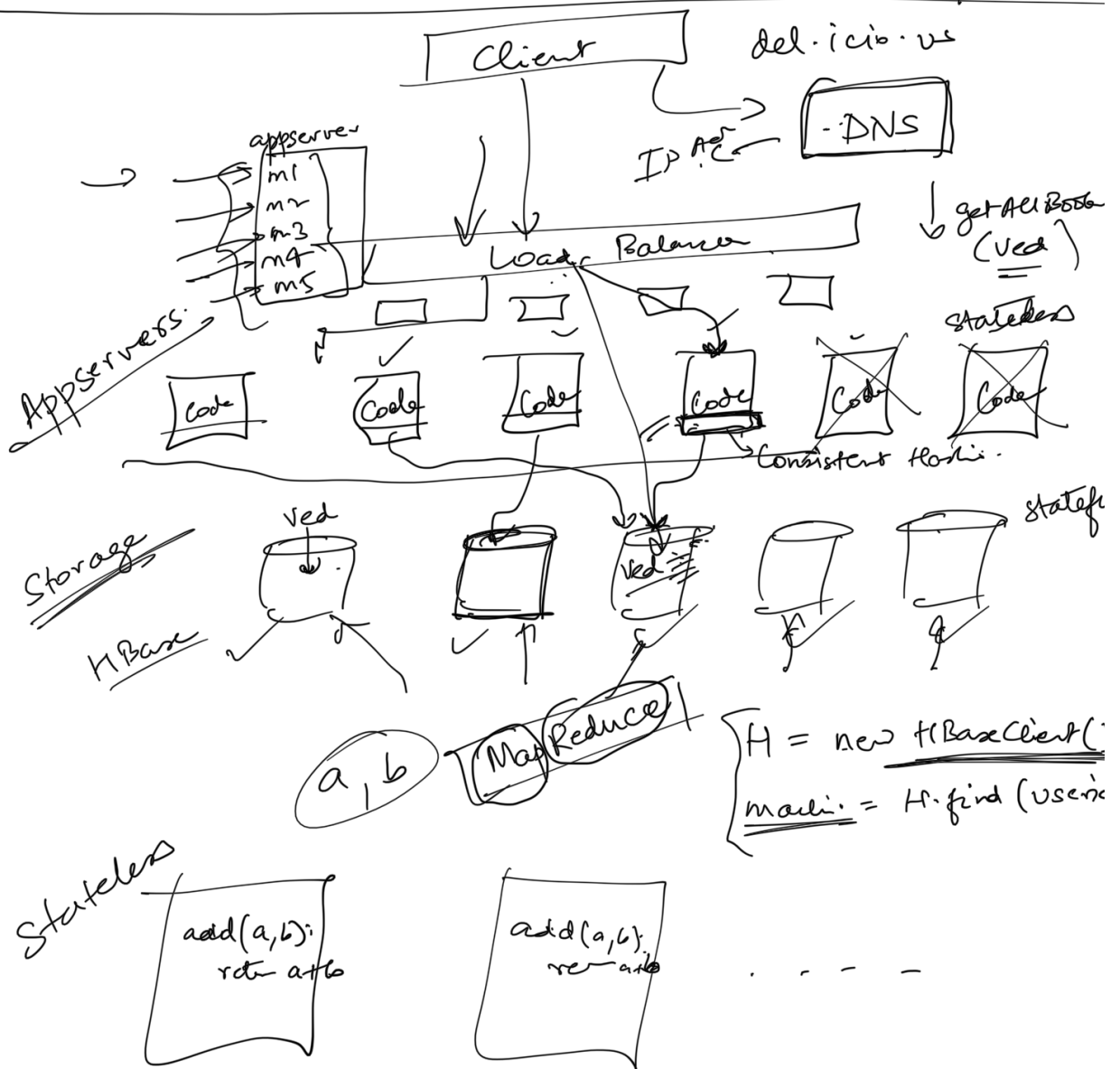
# CACHING - I

Solutioning

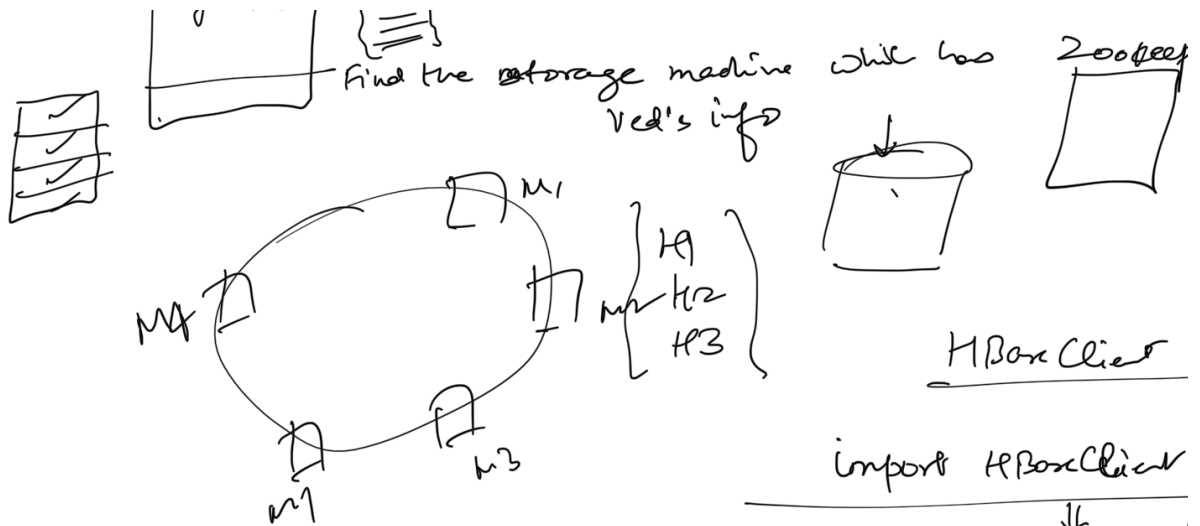




- ① Code crashes  
↳ Bugs
- ② Deploy interf with DB.
- ③ Machines becom expensive



Appserver  
get All Bookmarks (ved):

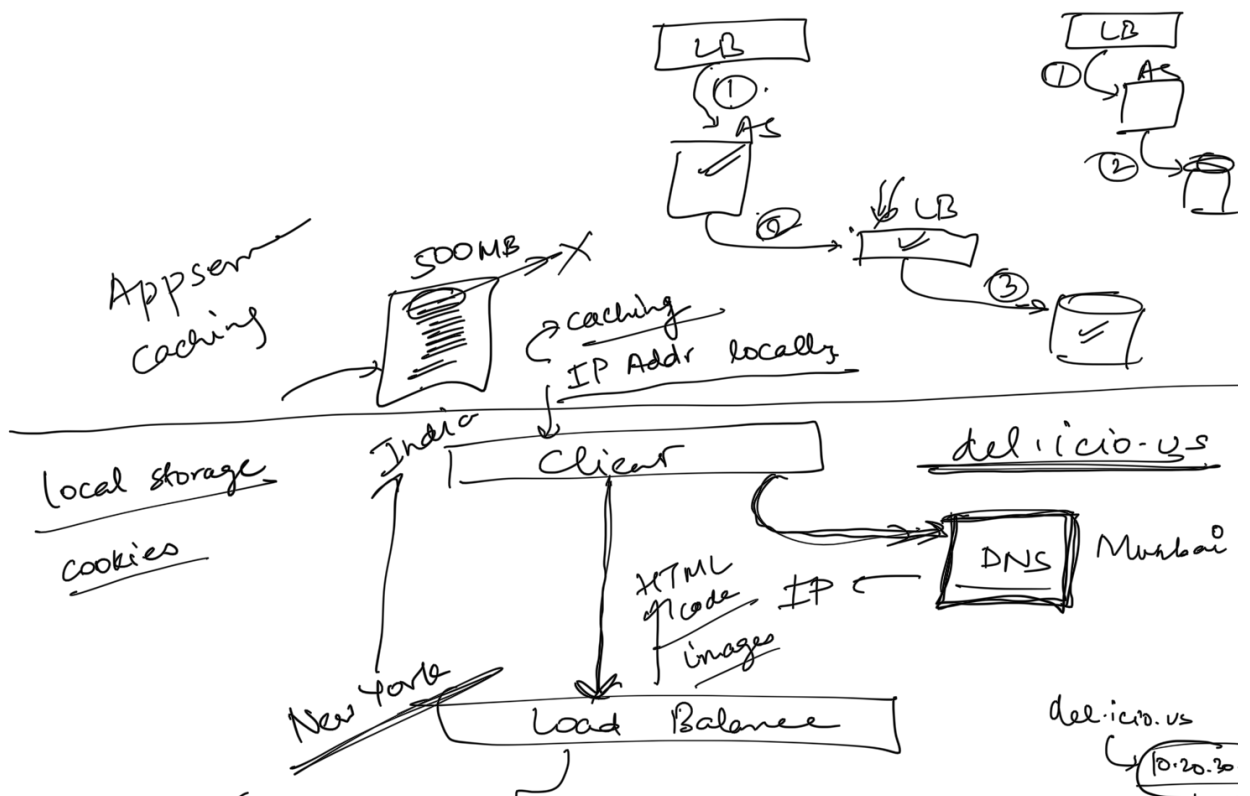


```
import HBoxClient
H = new HBoxClient
H.find(user-id)
```

### Numbers every SE should know

- RAM : 0.1 ms
- HDD : 1 ms
- Network in same DC : 10 ms
- Network across DC (on same coast) : 20-30 ms
- Network across DC (on diff coast) : 200ms
- Network across DC (on diff continents) : 600ms

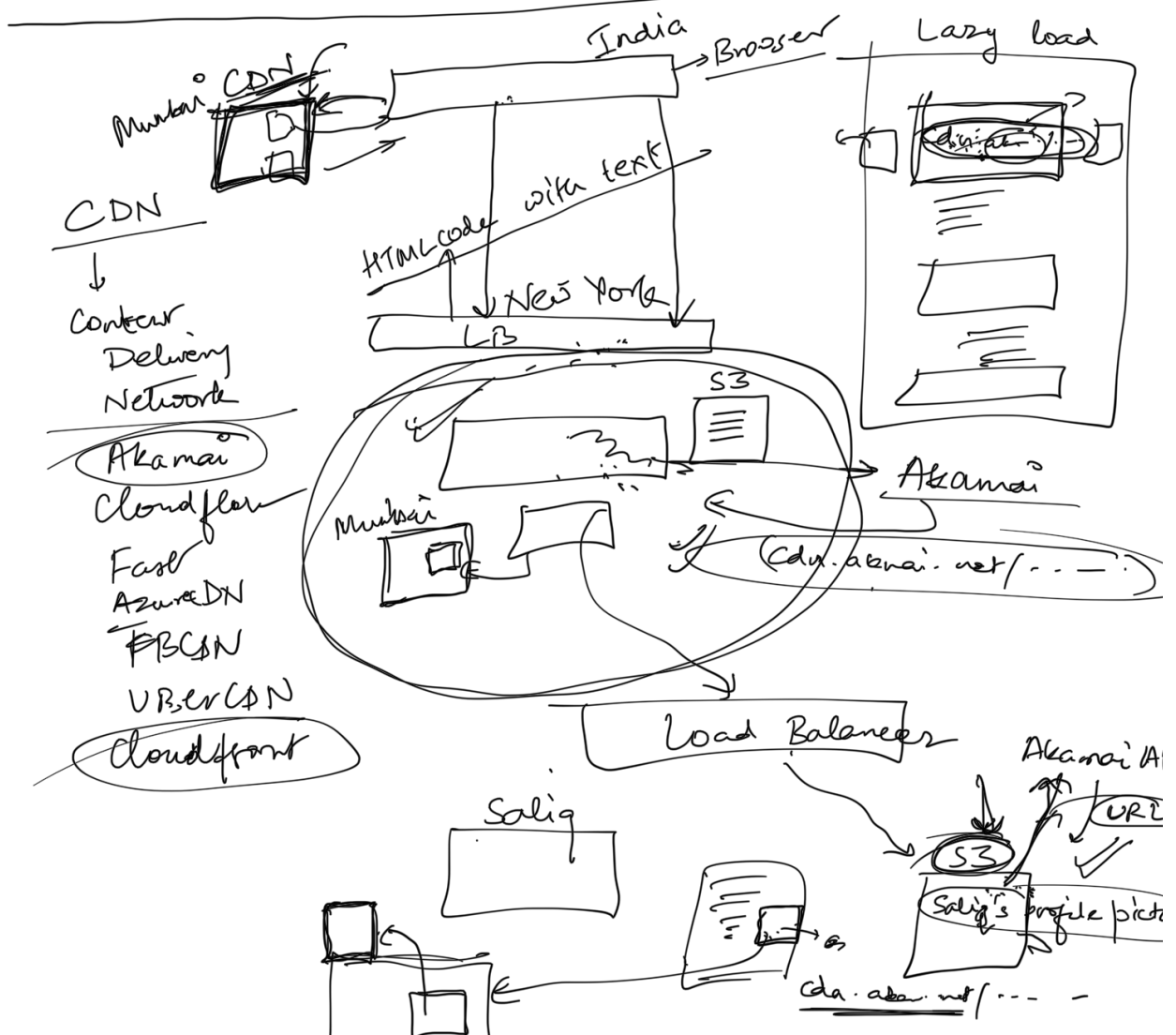
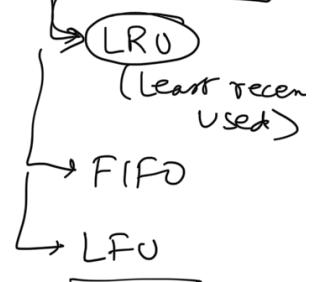
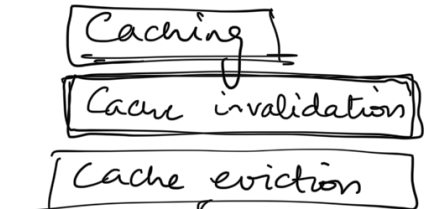
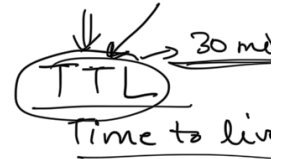
H1(machine1)  
↓  
output  
1000  
500

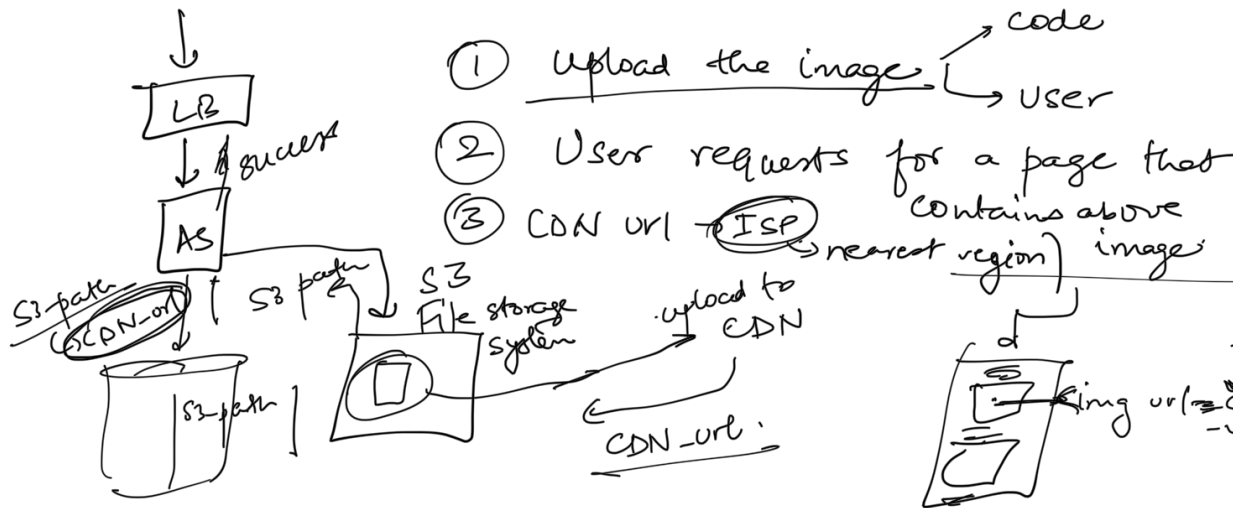


Appsec

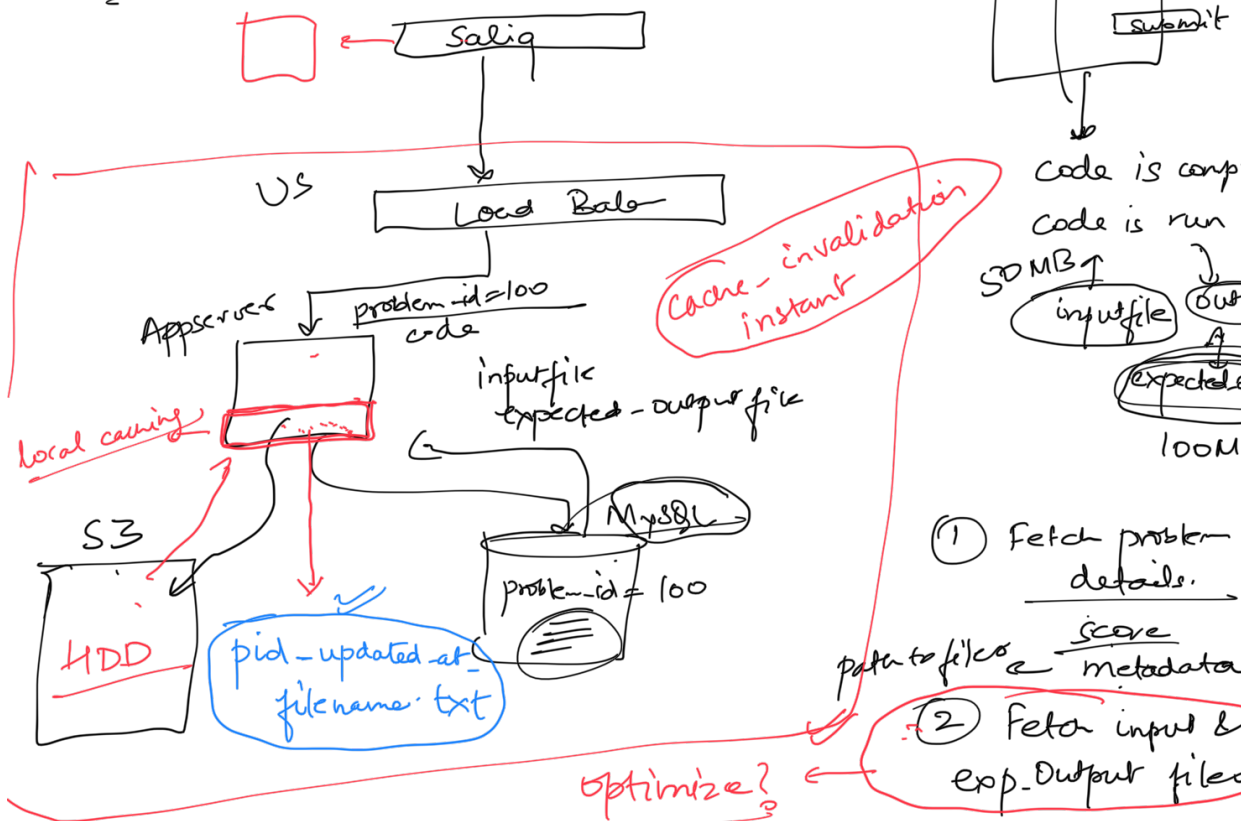


10.20.20





## SCALER CASE STUDY



① Fetch problem details

S3 path-to-input-file updated-at  
 S3 path-to-output-file updated-at  
 score  
 problem name

② pid - updated at - input.txt

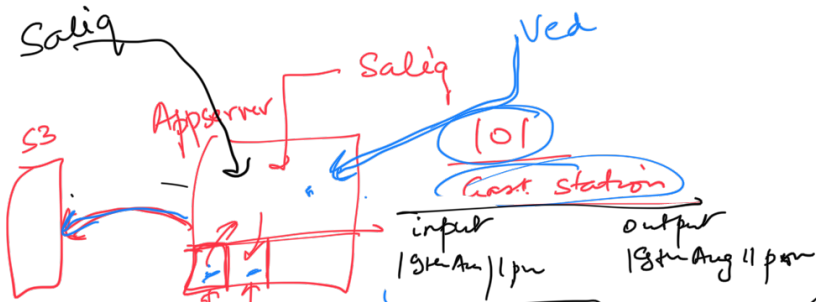
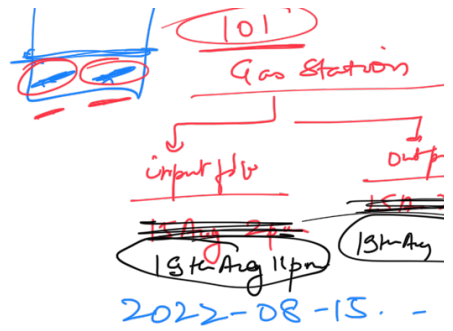
③ ~~Comp~~ Compile code

④ Run the code

⑤ Com output for code & exp

⑥ Update DB with

pid - updated - output.txt



101 - 15 Aug 2pm - input.txt

101 - 15th Aug 2pm - output.txt

101 - 13th Aug 11pm - input.txt

test data → folder  
↳ LRU

