

Agenda

Beginner LLD vs
Int LLD.

- ① What is LLD?
- ② Why LLD is imp?
- ③ Structure of Backend Module.

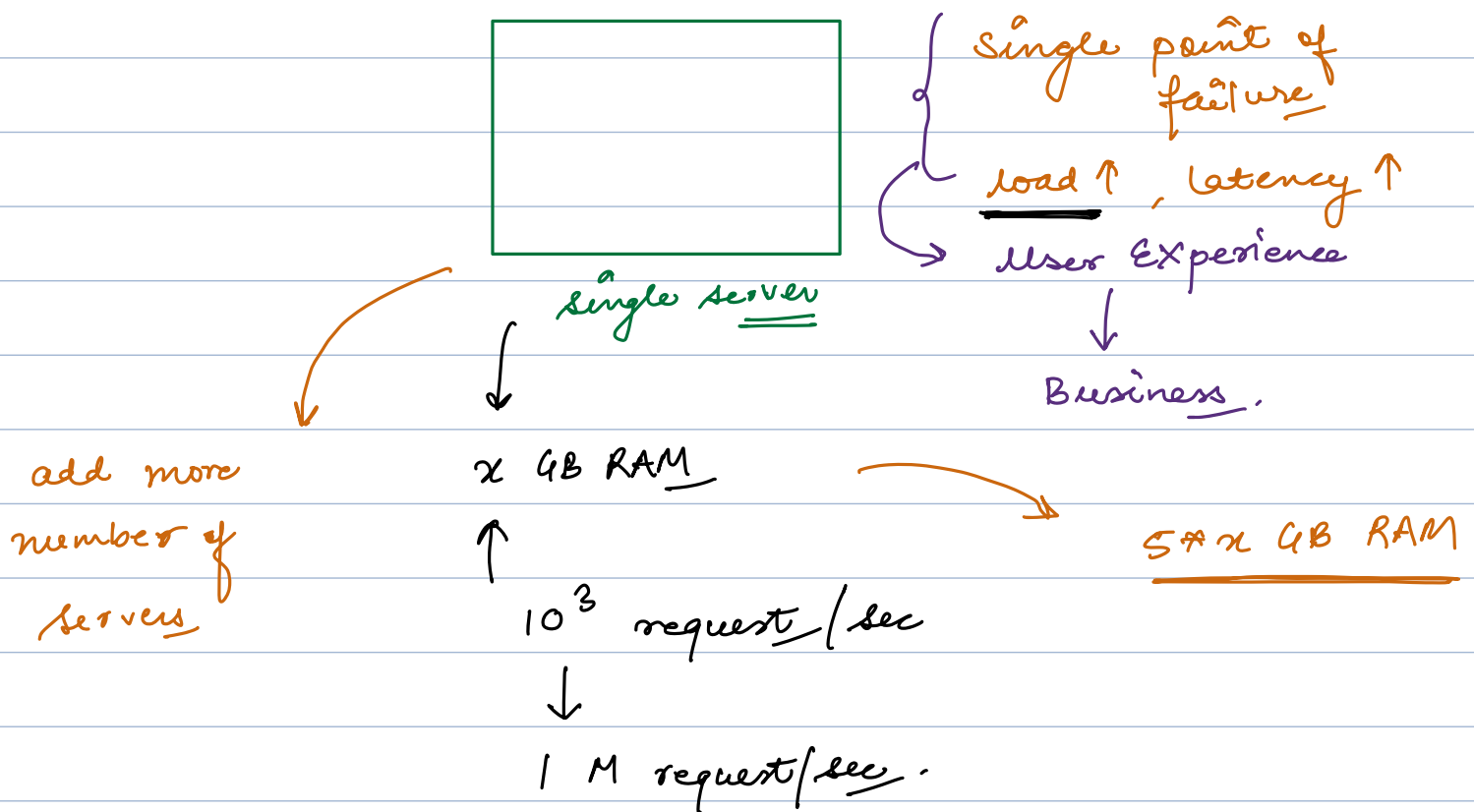
What is LLD ?

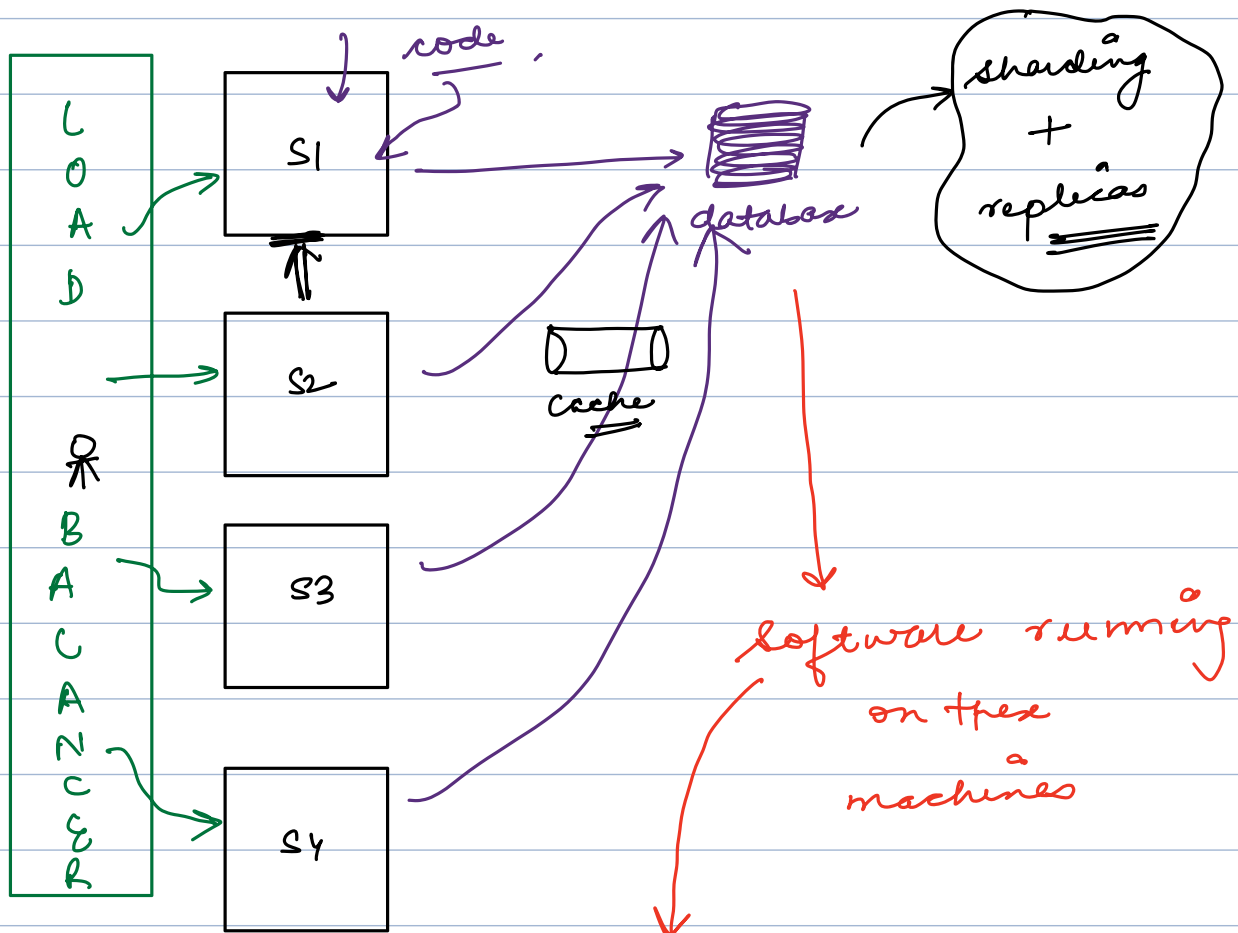
↓ ↓ ↓
low level Design

H : High

L : Level

D : Design

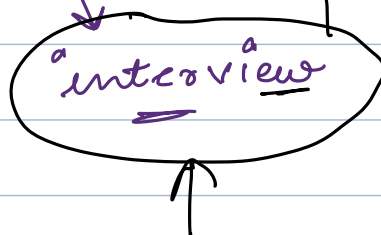




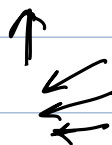
{ consistent
Hashing
↑

Why LLD is important?

↓
day to day job



→
DSA
↓



12% → actually write code -

Req gathering

planning



design

meetings

debugging

testing

review code

documentation

refactoring



understandable

readable

Reusable

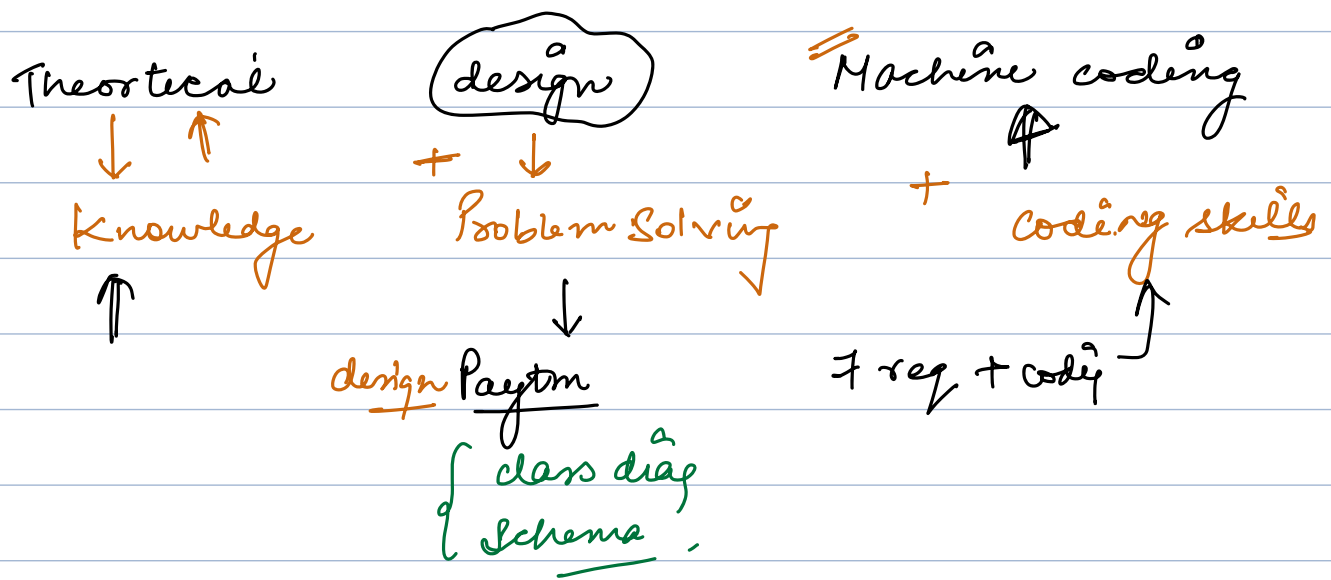
Phone → ~~Yes Bank~~

↳ ICICI

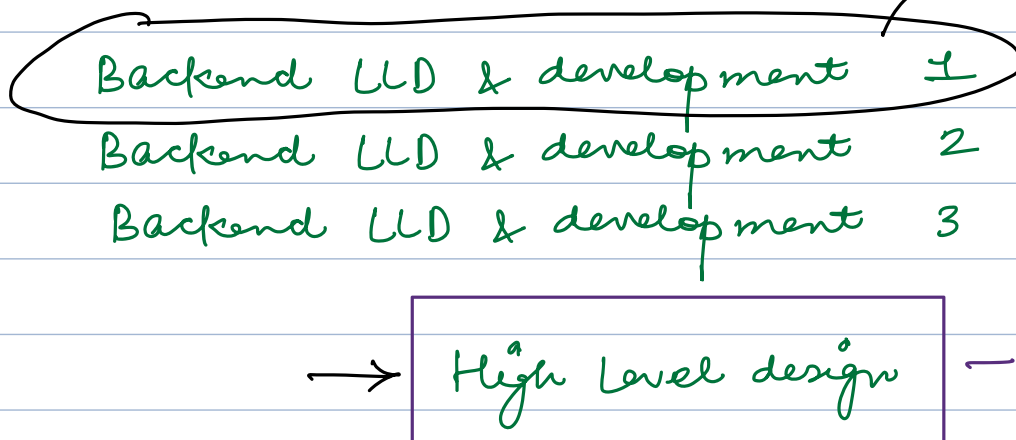
maintainable

extensible

bugs
optimised
dependency upd. → easy to add new features



Structure of Backend Module



OOPS
multithreading
language

— 13 SOLID

— 10 → design patt

— 12-15

↳ { BookMyShow
TicTacToe
ParkLot
Splitwise }

Backend Capstone Project — 20-24 classes

6 1/2 — 7 months

E-commerce

Version Control

Rest APIs

Springboot — JPA

hibernate

Payment

Docker & Kubernetes

Testing

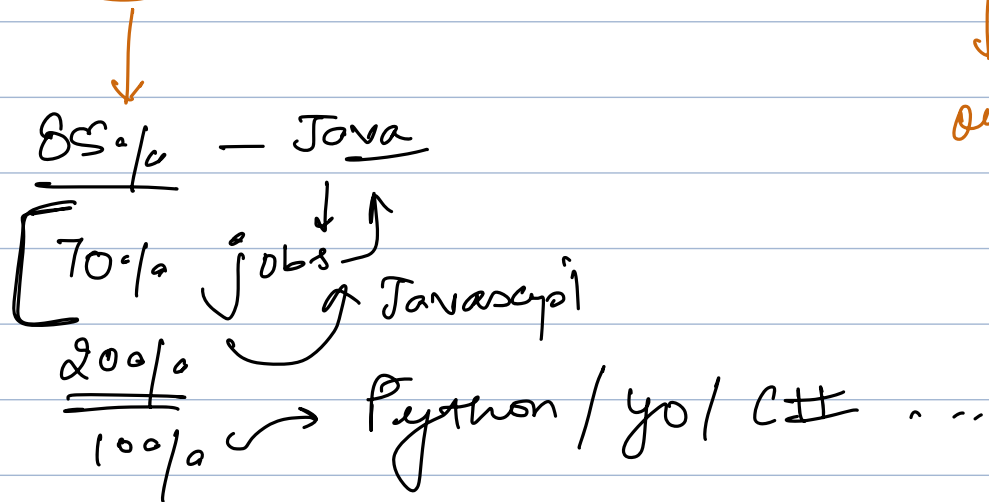
Authentication

AWS

Kafka, logging & Monitoring

Redis

• why Java for this module?



DSA

↓ evaluation

output

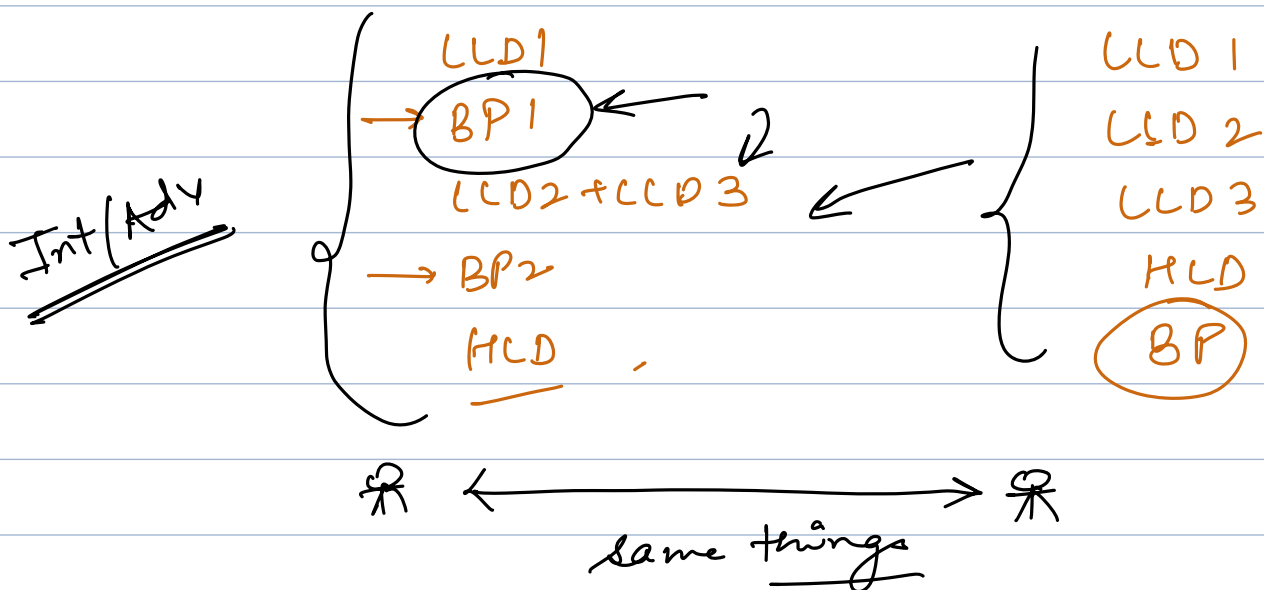
20 visit

↓

1 month

Java is mother of all languages.

Beginner vs Int



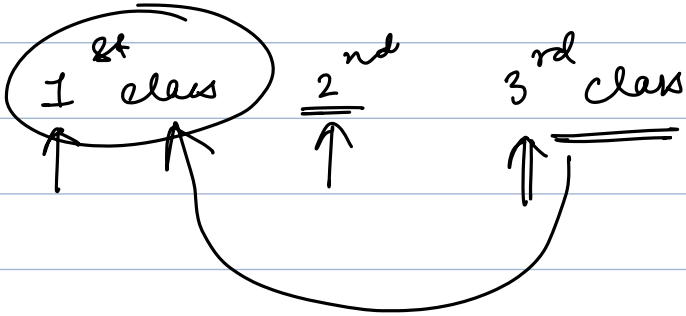
My expectations

~~expectation~~

Attend classes

assignments

contest
mock



↑↑ { scale, companion
↑ mock

Head First Java

intelligible ideas
ultimate

2:00 - 2:20 mins
