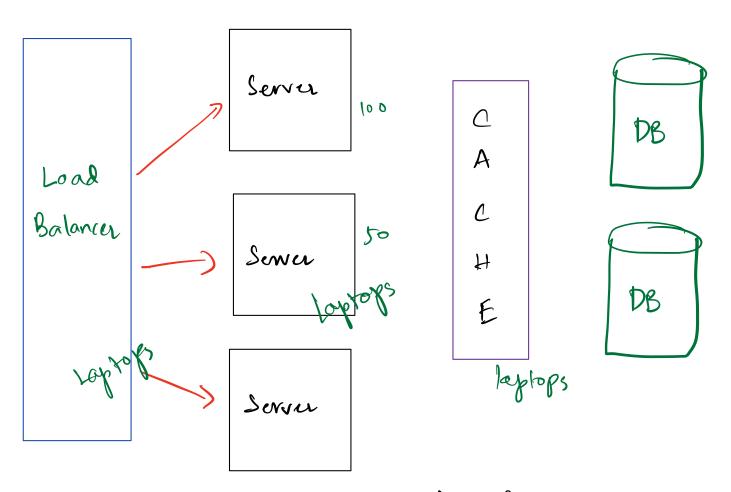
with wait till 7:05

Agendo

- 1. What is LLD? (Introduction)
- 2. Why is LLD important?
 - day to day job
 - interviews
- 3. Structure of LLD modile?
- 4. Expedation setting for the LLD classes.

What is LLD? High L - Low L - level **V**S Level D - Design? Derign bheprint High level Design Bird's eye view design Server chims what are the problems? 1. Wait time too long for user. 2. Single point de failure



High level design: Design of different infra layers which makes up your S/w System.

LLD - Derign of these programs /cole.



my is LLD important?
- day to day job
how much code du you do? - 9-10 Frs
~12.10,20,50) LPA
SWE does Why the do?
Meetings - Requirement Gathering.
Planning/Derisn - Smooth Execution
Code Review - Readable, Quality / Efficiency
Testing - Correctness Efficiency
Debug - Fix buys.
Pocumentation _ Readability, undertadability
LLD nelps us make our vode more:
Readable
Rensable
understandable
maintainable
Extensable

Maintainability

Ability to maintain or make changes in already existing ode.

D Buy fixing.

2) Performance optimisation

3) Pependency updat

Extensibility

Ability to add new features.

Interviews:

Startups - SDE 1/2/3 -> LLD rounds

CRED, Sharechal,

Priptart, Unacad

Machine Coding

Teen MNCS - Oracle Adobe

Microsoft, Wallmart, Visa

HD rounds >= SDE2

Huge Tech MNCs: FB, Google OOPs design

Structure of LLD Module:

LLD 1

- · OOPs 4 classes
- · Multithreading L concourrency - 4
- · Adv long Concepts
 - Streams
 - lambda s
 - Collection
 - Generics

LLD 2

trow to do good

dering !

SOLID Principles 2

Derign Patterns (10)

Greational Structural

Behavioural

UML Diagroums

LLD3 Interview specific prep.

Devisor a Pen

Tictore Toe (game'

BMS (Dyden mingh Systems)

sphitwise.

(financial)

LLD 4 -> Project > Ecommerce

12 dasser of legularity

(2)