

- -> Working at hazarpay -> hazarpayx Engagement Team
- -> Previously worked at samsung Research -> Contacts Application.
- -> Graduate from Theoper University 2019 batch
- Total 4 + years of work experience. 3 + years of experience in mentoring and tearling
- Currently, I work at Booking. com as a Serior Software Engineer Amsterdam.

I feel free to reach out to me -> Slack, What App, Linked En

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- -> Calendly link -> Will share.
- Jobs -> Learning
- -> What App Group.
- Linked In

My lans will de around = 2 hours.

And Module

SOIL DBMS - 9-10 classes

La LLD

In DBMS, we are going to cover SQL.

First half - Therapy

second half - Practical.

Ground Rules.

- 1) Ask questions in public chat.
- 2) Make it collaborative and engaging
- 3) Answer questions and help your batch mates.

9 Claus

-) Introduction to DBMS.
- 2) Schema Design L
- B) Schema Delign 2
- 4) CRUD
- 5) Joins
- 6) Aggregates and Built-in functions.
- 7) Indering
- 8) Transactions (ACID graperties)
- 9) SQL subgrevies and Views. (Advanced SQL)

Intro to DBMS and Sal Database Management system

What is Data? Any information about something

Scaler's Software System

- Students
- Mentors
- -> Instructors
- → Jobs
- Classes you attend
- -> Questions.

 -> Assignments -> Arg. time to completion

 -> Assignments -> Are students enjoying assignments or not

Airbase? Place where aircraft we stored.

Database, is come where we store data Collection of Related data

Calor DB

[students]

Mentors

[Hesignments]

Flight DB

Questions

We might have different DB for different type of data. like, Analytics DB

factors to decide which dB. -> usecase

Mysal/MongodB

Red Shift / Big Table (optimized for Analytical Queries)

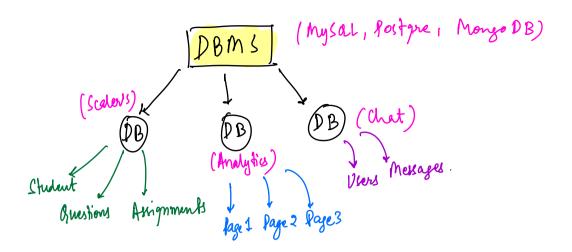
Technical Architecture -> Microscovices.

Payments Accomodations Flights.

Payments B Accomodations Flights.

- Monslith Architecture Booking DB

DBMS -> Way/Software that is used to manage databases. WorkBench -> We will use.



Break -> 10:30 PM Types of DBMS-

Javaceript, Python,

Tara,

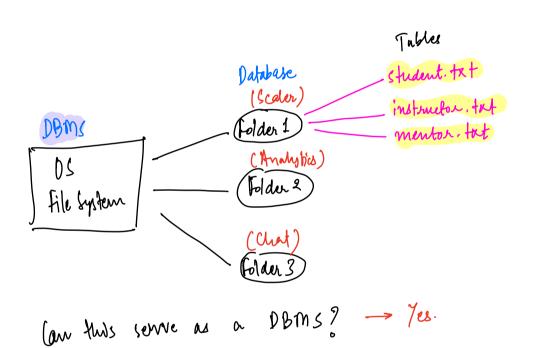
C/C+f

Backend -> LLD.

Full Hald

Exportin Frontend

Know Packend



The very first DBMS was a File Based DBMS.

What is a file Based DBMS? Stores data as files on disk

There are multiple cons of this DBMI ->

- D'Retrieval of data is not eary. It is dow and inefficient.
- Derning Relation Hw files 3: difficult.
- e.g. Student Assignment. tot

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e.g. Assignment. Ixt

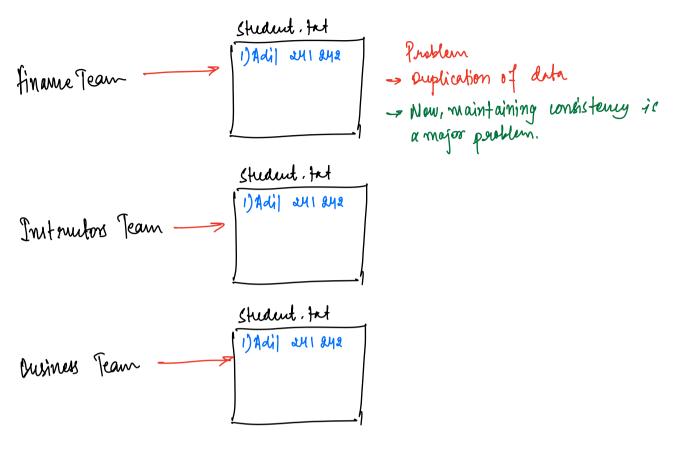
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3) There is possibility of evore.

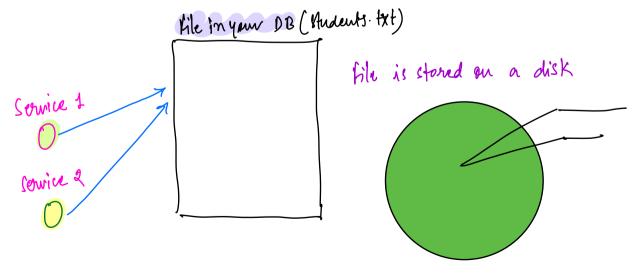
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Get details about a fundant named -> Nipun.



- 1) Inconsistemy/Duplication.
- 5) Sewrity
- 6) No support for concurring.



Neat Class

- What is a dedicated PBMS
- -> Sav
- -> Primary Keys.
- -> Non-relational DBMS
- Relational Model.

Entry level

Schana Perign -> LLD interviews.

Many longanies like IBM, Oracle,

Walmort ->