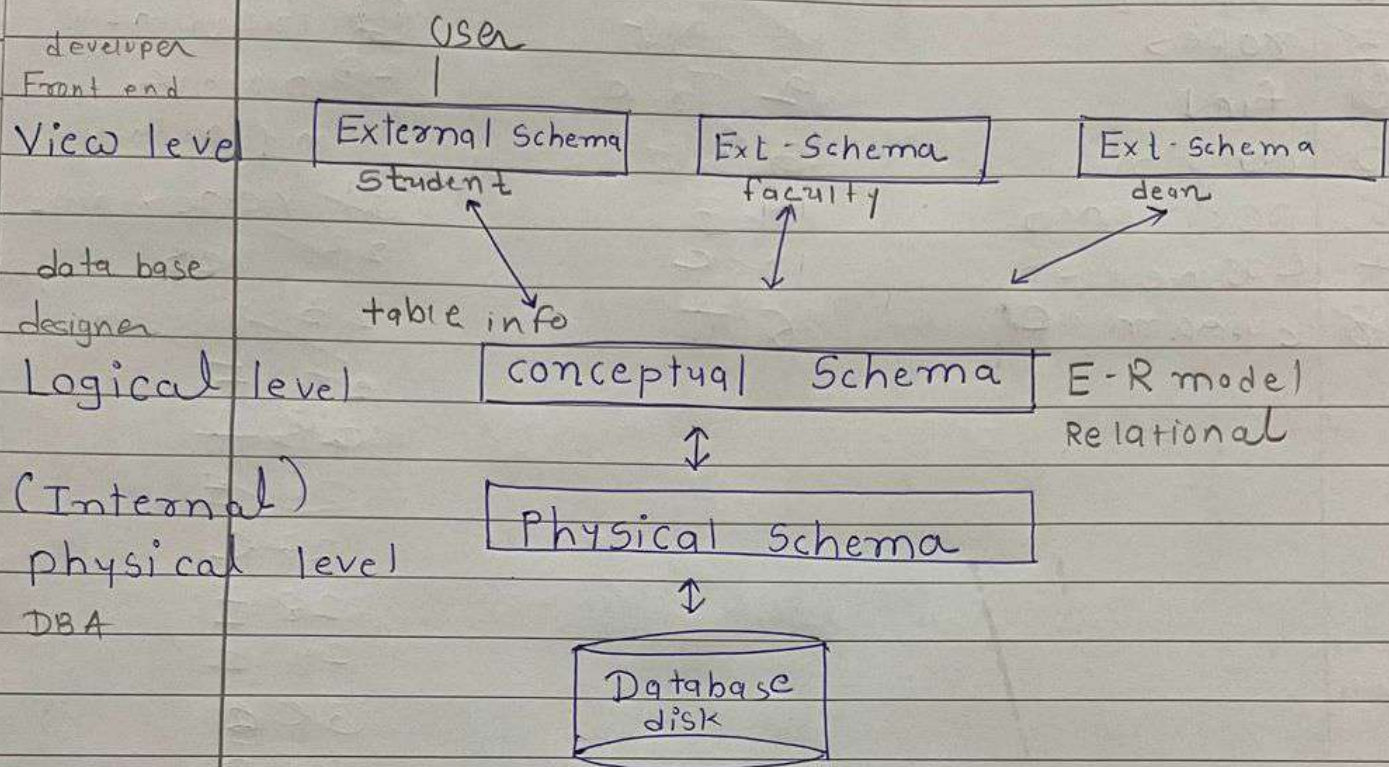


3 - Schema Architecture



Schema → (Structure)

we need structure to store data

Ex.

Roll.no	Name	Age
1	A	20

Main motive of 3-Schema Architecture is data independence

User and data can not directly interact with each other

• User don't know where data should be located

• We Hide data from user which is called data abstraction

Eg. - Email

1. External - Schema (view level)

- How to represent data to user

Ex. University data

↓

using id Password we can show data

it provide Role base access

2. Conceptual Schema

- How to store, structure data

Student

Roll. no	name	age, add
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table info

Relationship b/w table.

- We create blueprint

3. Physical schema (DBA - work at this level)

- How data actual stored

central or distributed

disk, File, Location.

DBA decide data should be fragmented or not etc.