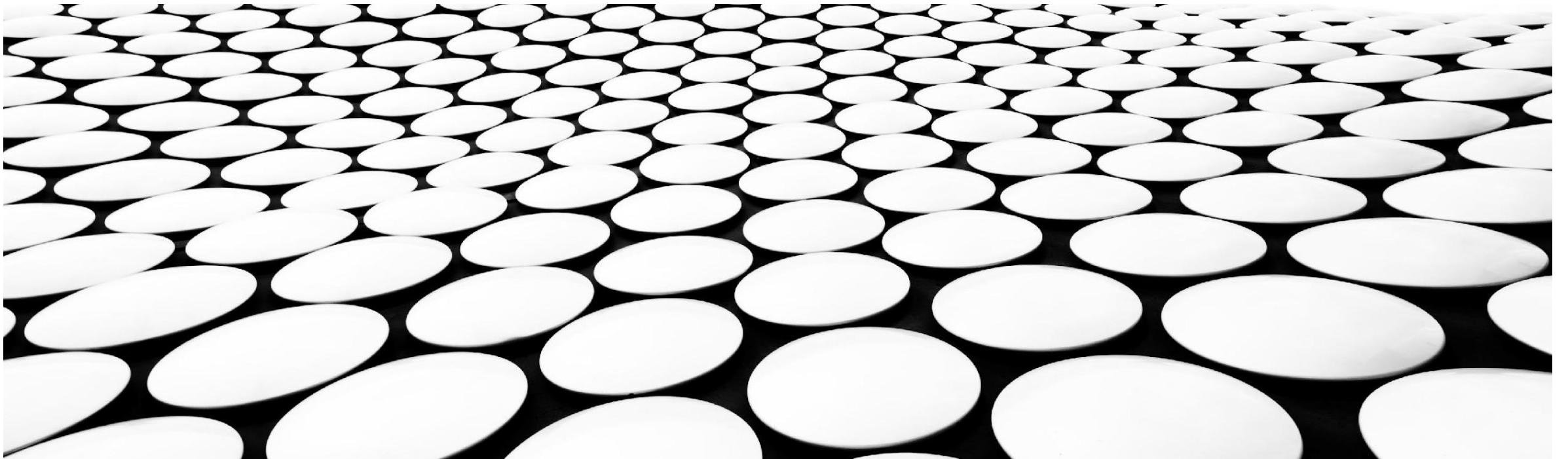


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# ADVANCED DATABASE MANAGEMENT SYSTEM

CREATED BY :

MD. FORHAD HOSSAIN



# Cont...

## 1. Physical Schema:

- Describes the physical storage of database.
- Not in terms of blocks or devices, but describes organization of files, access path etc.

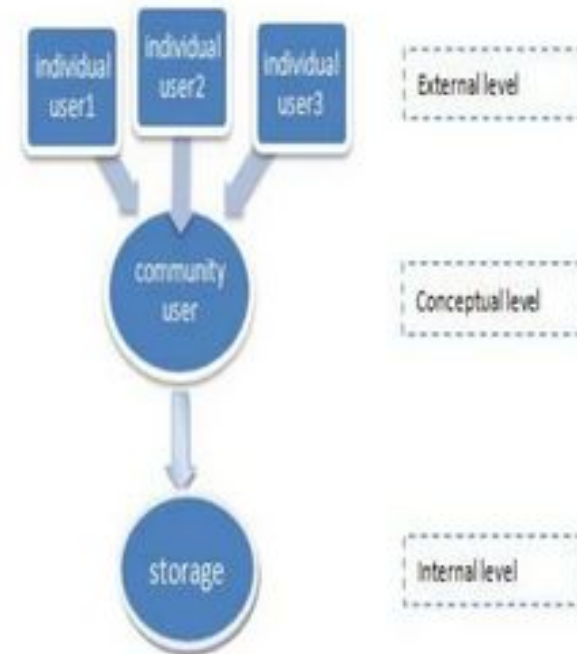
## 2. Conceptual Schema:

- Describes structure of whole database.
- Describes entities their relationships and constraints.

## 3. External Schema:

- Provides a user's view of data.
- Shows relevant info particular to user, hides rest of the info.
- one or more levels.

- **Instances:** Actual data contained in database at a particular point of time.



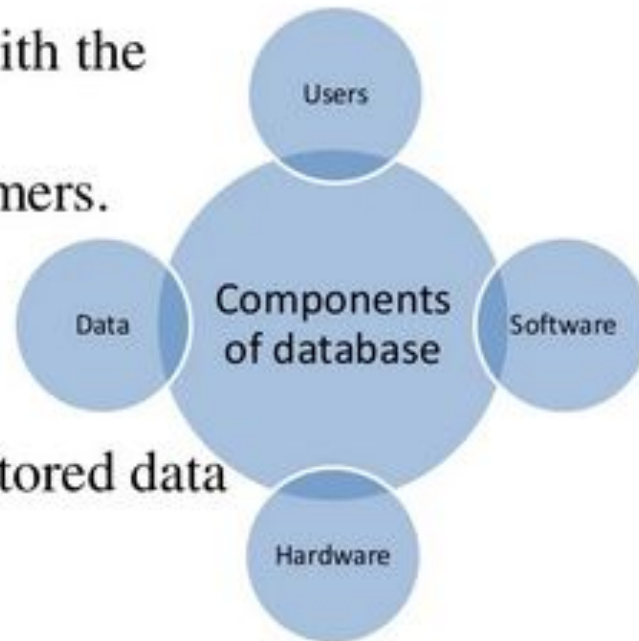
# Components of Database System

• **Users**- People who interact with the database:

- Application Programmers.
- End Users.
- Data Administrators.

• **Software**- Lies between the stored data and the users:

- DBMS.
- Application Software.
- User Interface.



## Cont...

- **Hardware**- Physical device on which database resides.

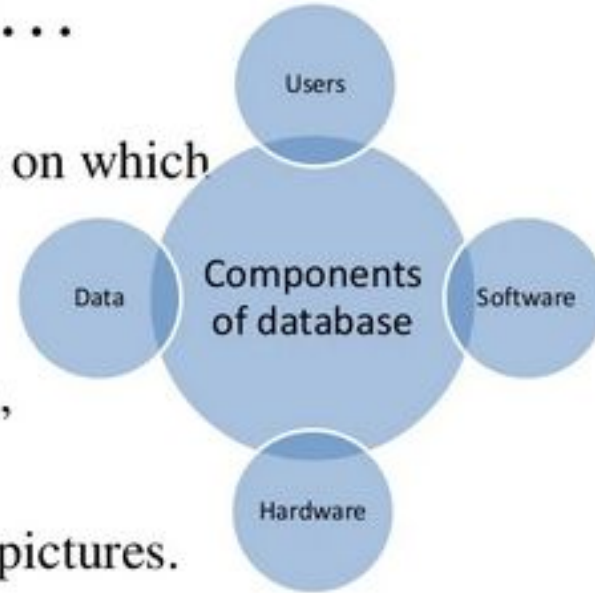
e.g.:

Computers, Disk Drives,  
Printers, Cables etc.

- **Data**- numbers, characters, pictures.

e.g.:

Shri Shri Nilesh, 1008, India.





Thank You!

