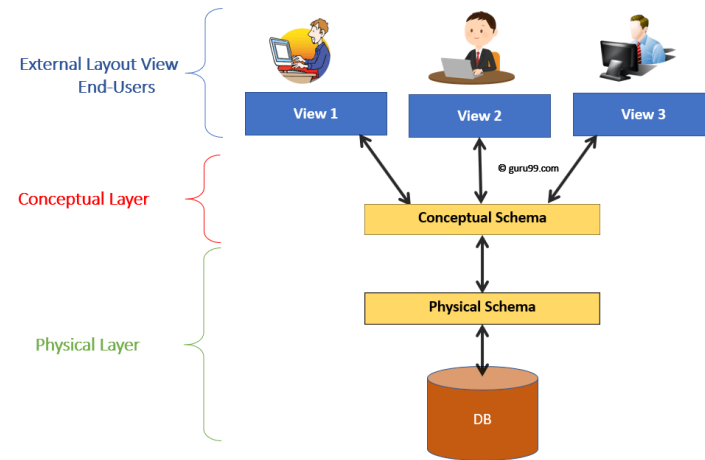


Database Management Systems (BCSC-1003)

Topic: Three-Schema Architecture

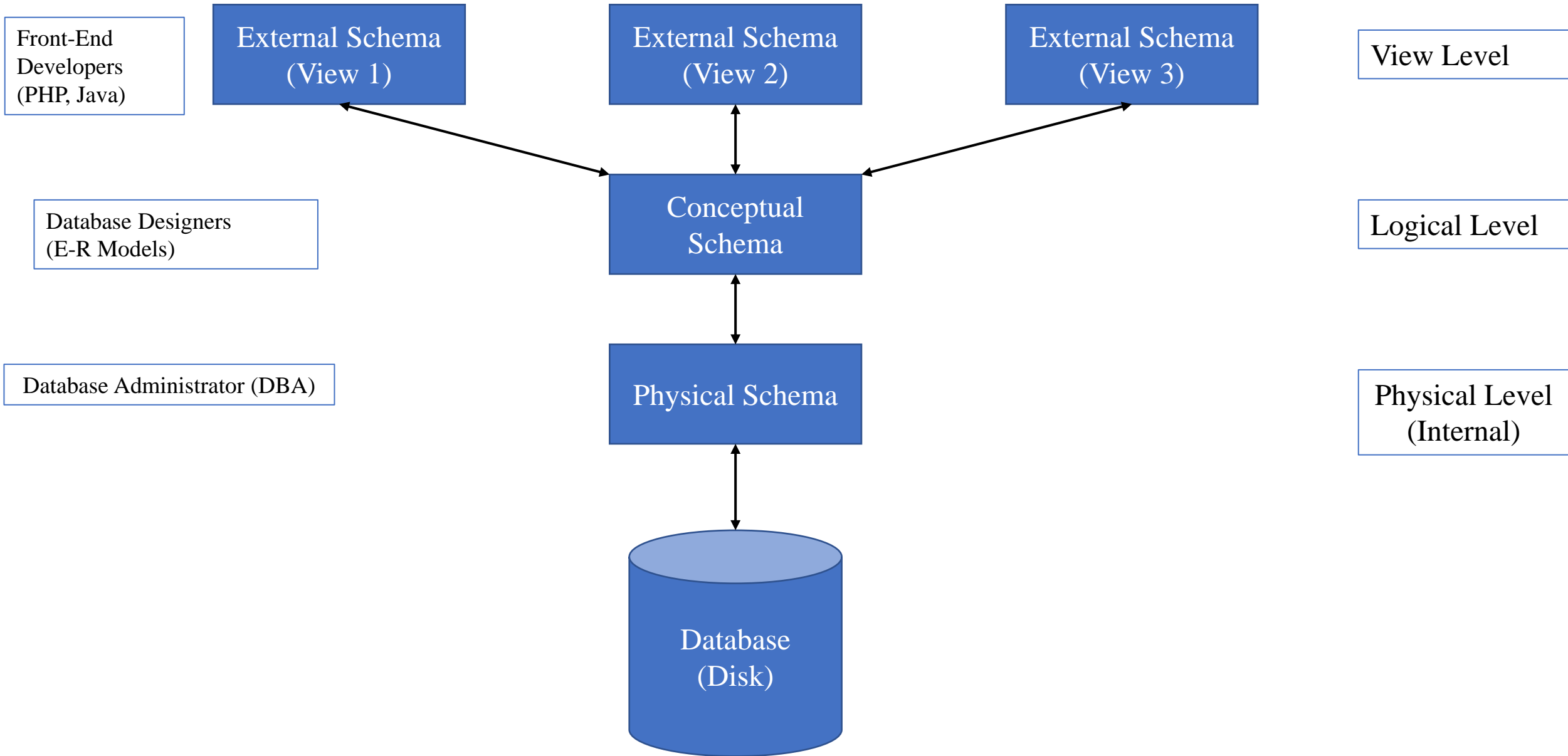


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Three-Schema Architecture

- **Physical Level:-** This is the lowest level of data abstraction. It describe **how data is actually stored** in the database. We can get the complex data structure details at this level.
- **Logical Level:-** It is the middle level of 3-level schema architecture. It describes **what data is stored** in database.
- **View Level:-** It is the highest level of data abstraction. This level describes the user interaction with database system.



Stu_ID	Stu_Name	Stu_Address	Faculty_Id	Faculty_Name	Lectures
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External Level

Field Name	Data Type
Stu_ID	Int
Stu_Name	Char
Stu_Address	Char
Faculty_ID	Int
Faculty_Name	Char
Lectures	Int

Conceptual Level

Stored_item	Length
Stu_ID	Byte(2)
Stu_Name	Byte(20)
Stu_Address	Byte(30)
Faculty_ID	Byte(2)
Faculty_Name	Byte(20)
Lectures	Byte(2)

Physical Level
(Internal)

Thank You