3 lvl architecture

Internal structure is trhe way the DBMS and operating system perceive the data, happens right before physical data organization (database)

Keep external data as simple as possible, but want to have maximum strength DBMS

* That’s why conceptual schema which provides the mapping and independent is used
* What data in the database and the relationships among the data
* Emphasis on the logical structure of the data
* Must not contain any storage dependent details or any storage really

Data abstraction

* From user point of view
* Hide storage details and provide viewers good UX

Data independence

* The capacity that upper levels are unaffected by changes to lower level

Initial database

* The content that the database has when the database is initially loaded