

TOPIC :- Introduction To system design

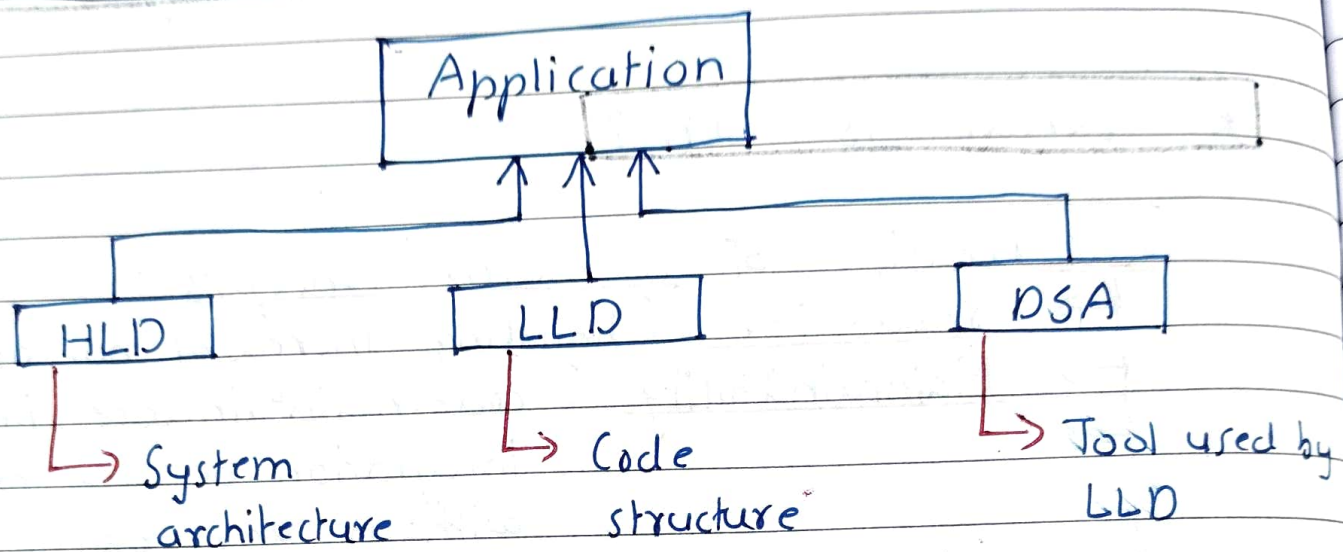
* What is LLD ?

- LLD consists of 3 major concepts :
 - Scalability (handling increased no. of users)
 - Maintainability (code maintainance i.e. easy integration of new features without any bugs)
 - Reusability (code reusability i.e. plug & play model)

* What is NOT LLD ? i.e. HLD

- HLD : High level Design
- It focuses on the parts of an application other than what LLD does.
- HLD
 - Tech stack
 - Database
 - Servers scaling
 - Cost optimization
- HLD focuses more on the :
 - architecture diagrams
 - System diagrams

* Conclusion



- IF **DSA** is the **Brain** of an application
LLD is the **Skeleton**

- **LLD** consists :
 - Algorithm (DSA)
 - Objects / entities
 - Relationships
 - Data security
 - Scaling
 - Notifications / payment