

- Requirements
 - Functional Requirements - Customer, Scope and Module of System, Features
 - Non-Functional Requirements - Scale, CAP Theorem(C or A), Read or Write Heavy,Latency etc
- Capacity Estimation
- Sequence of Events
- API Design
- Microservices
- Data Flow - Communication, Networking and Network Protocols
- Databases
 - Kind of DB
 - Scaling
 - Sharding
 - Caching
 - CDN
- Failure and Fault Tolerance
- Health Checks
- Logging and Monitoring
- Security
- DSA