

Functional Requirement -

Upload videos

Feed/timeline videos - distribution

Storage of videos

Non-functional Requirements -

Eventual Consistency

Fault Tolerant

High Availability

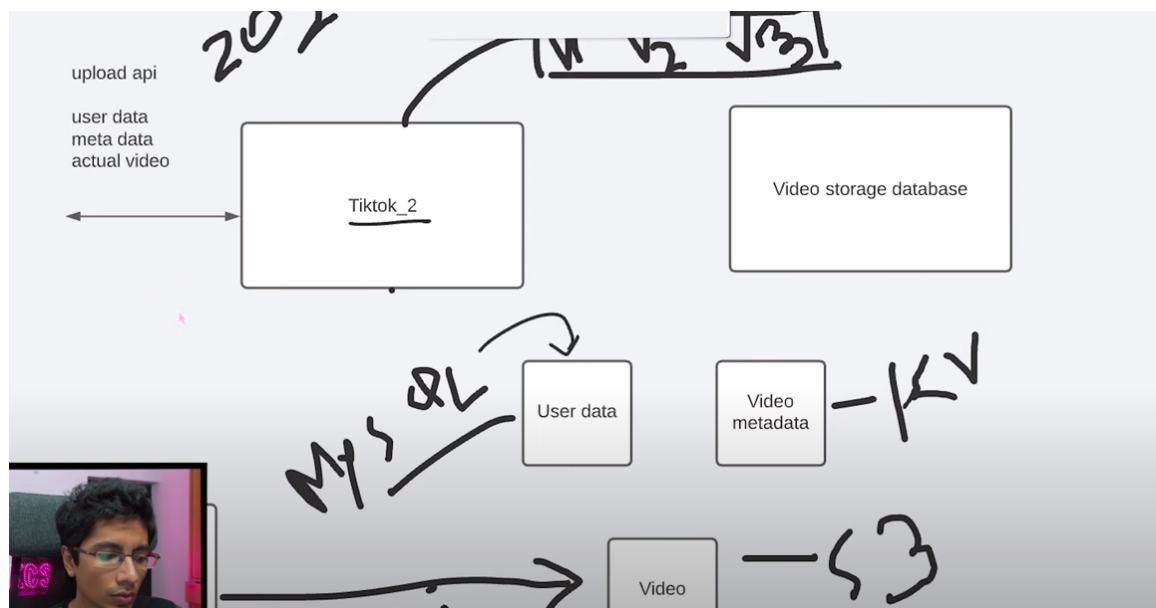
Performance of Upload - low SLAs

Low Latency between upload and user visibility (few minutes)

Low latency when distributed the video

10 million viewers DAU

100K creators



Amazon S3 + CDN

CDN - Akamade , OpenConnect [for Netflix]

CDN [**Content Delivery Network**] can be outsourced tho!

DB Replication , end-to-end Scalable

FTP Vs HTTP → Make a call!

Cost Estimation is must too :D