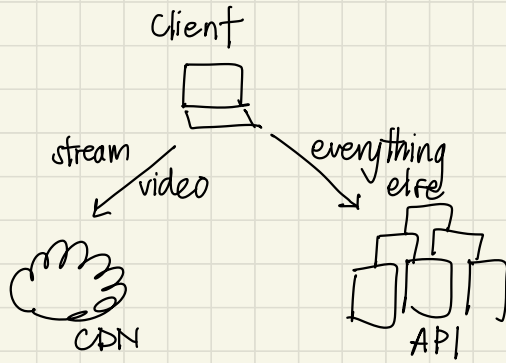



High Level



Client: Website ————— React

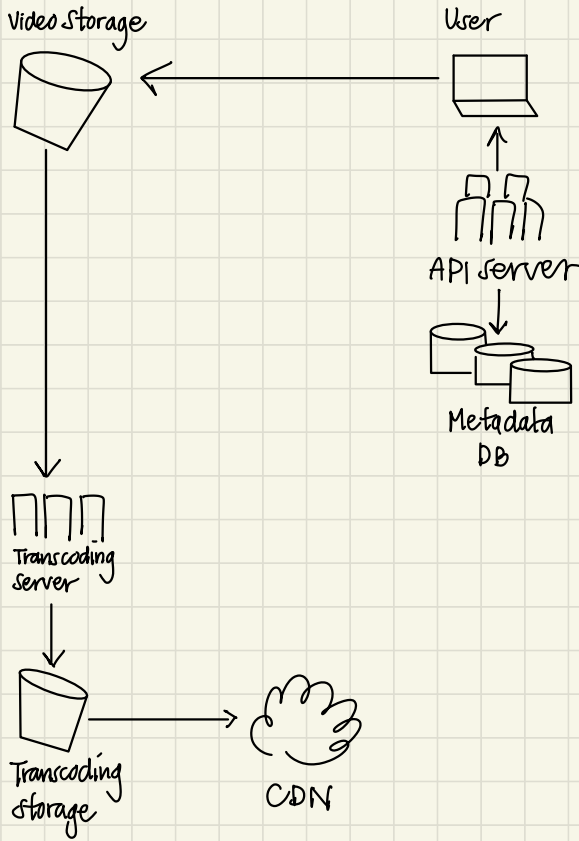
CDN: store Videos in CDN,
Stream Videos from CDN

> cloudflare

API : gen video url
metadata
user sign up

> supabase

Video Upload



User: communicates via web

API : user requests

Metadata DB: video meta data
likes, comments
author, etc...

Videos storage: BLOB storage system
stores videos

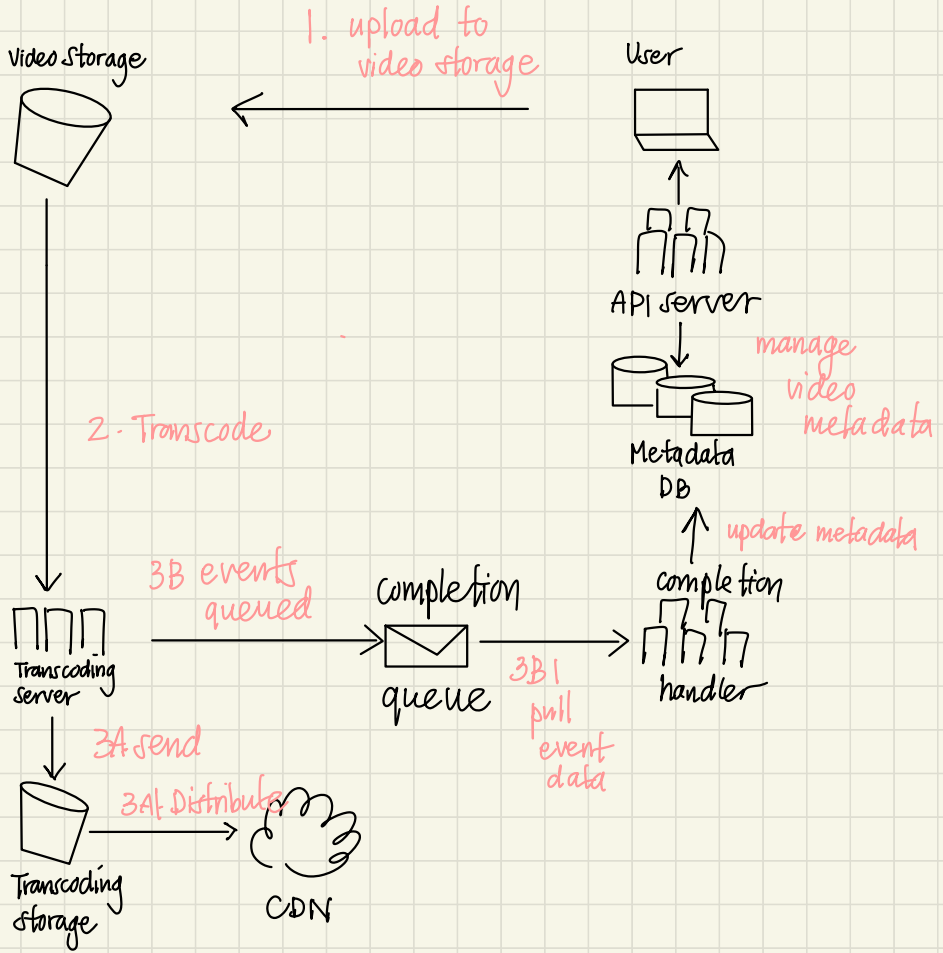
Transcoding servers: convert video into
other formats

Transcoding storage: stores transcoded
video files

CDN: cache videos in
CDN, stream videos
from CDN

(for UX)
completion: stores info
about completion
events
queue/
completion
handler

Video upload Flow:



In parallel:

User → API → update metadata

Video streaming

User



CDN

