Anazon Prume Video

funitional

O viplood video Seach video

3 View vidio

Non fearlisal

Lémillehour vides & if austonne bourt viet long hours it won't be good)

(no or minimal buffer)

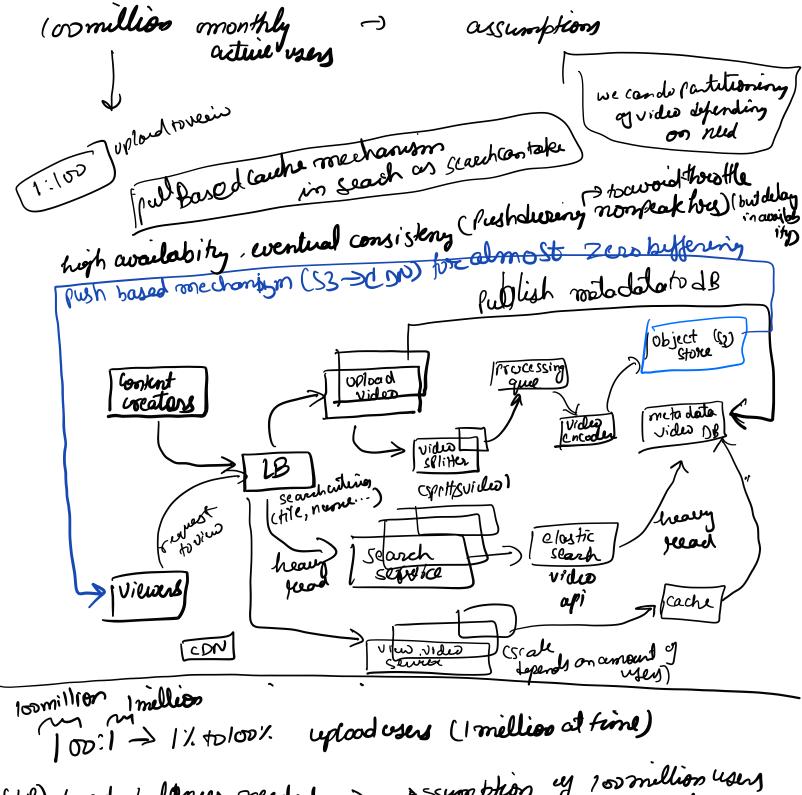
B) Low Caterry

Thigh availability > eventual consistency La because it is ok if a video is seen by few users ofter sometime but once available video should not go anywhere.

Reliability & video should not be lost from ceosystem

additional features - chowing view count - adding wish list

CAP Theorem



(18) (od balanuer needed) Assumption up 100 million users
will need more clusters

H Video Service

uplood videoservice -> upload video form endusers

S3 -> object storage to store video

metadatad8 -> to store video metadata

how to make uplood fast we can split video let say lomenute long each & distribute it using map-keduce concept Video encoder Derforem aggregation of splitted video (mpy,...) (3) store por acisoss multiple devices Quhat if amazon frume lauched high trending Boy will not change the design much we can add manually / force fresh of certain contents (depends on push frequency)

This can help in attain thes Or put cache 772 tovery low for trending days to make video availability Notes Start with posseddem Statement veite down frentional & montantional sequerements & regularity

Talk about and Implement toy co

Implement functional requirement
toy completing one I then move to

-> ask for feedbacks

or questions

services to show

rousability

Juse Solioloops

while design

I still have competed some

Jump to another functional sequeins