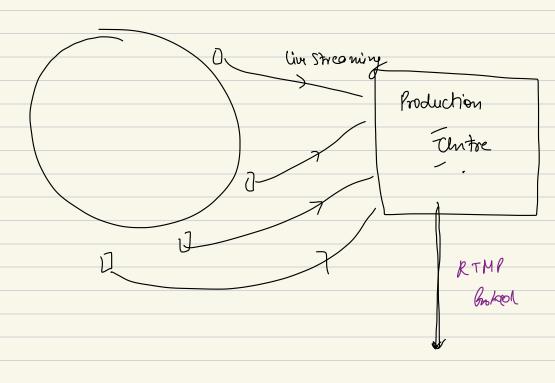
Hotstar System Design

- O Content Ingestion
- 2 Discoverability
- 3 Streaming

Live Streaming Content

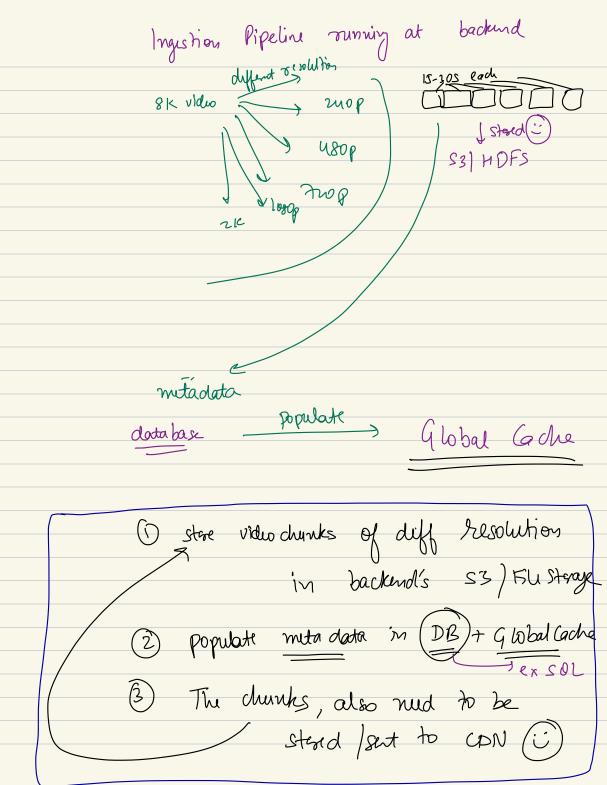
Live Streaming of Content

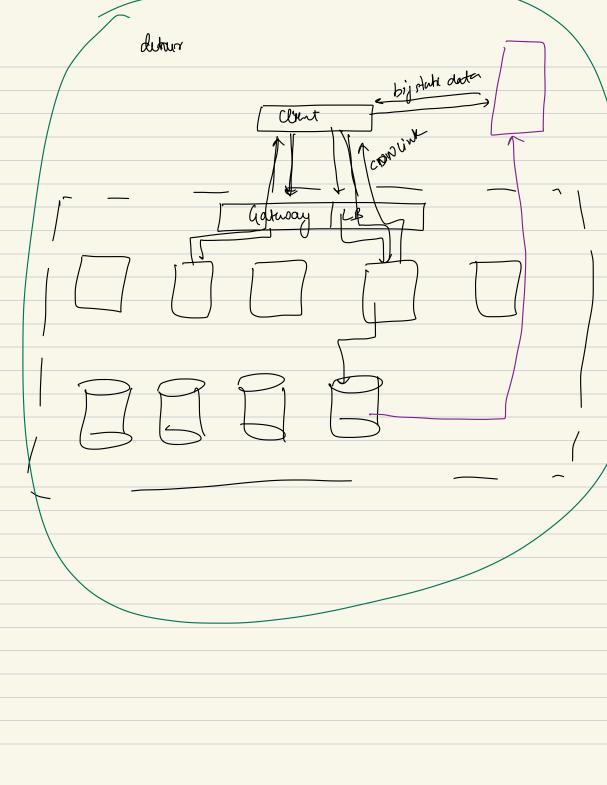


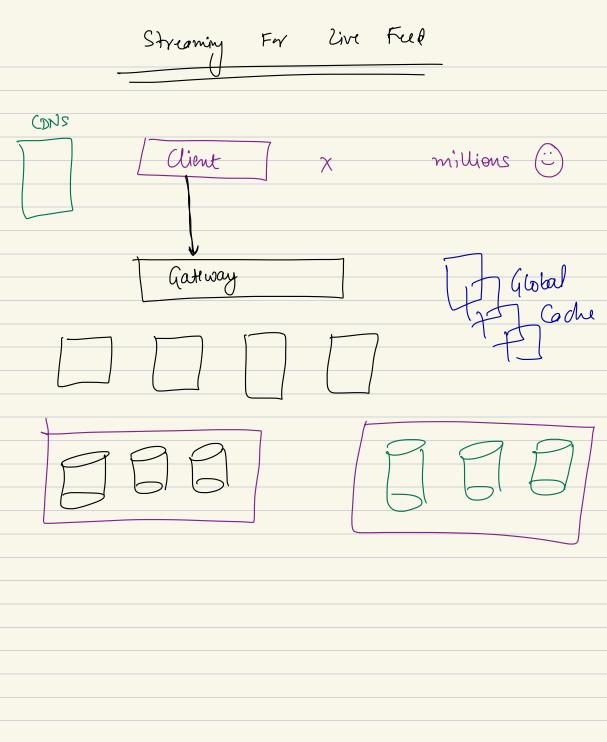
Hotstar Backend D In live streaming, the church size

Should be way smaller, let's say

15-20 seconds each. > Hotstar Bockend RTMP Botocol video straam Load Balaner / Gazeray







Streaming Platforms like Hotstar, allow users to watch at their own lagging delta allows for langing in other words, Motstar Clients to worth different syments.

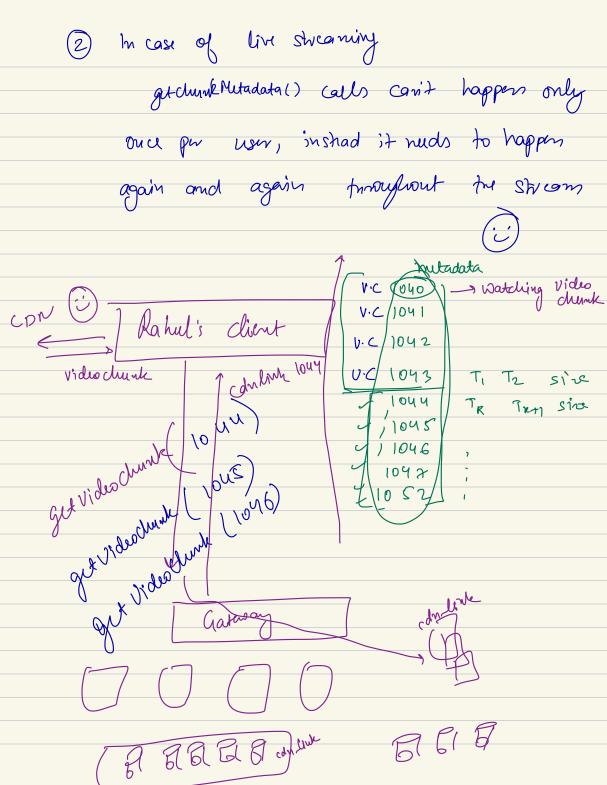
Ritik, knimk Mink Mohsin, Rahul Kirom kumar

1001 1040 1044 1078 1079

Collection of the large to get Churck Metadata (last-churck id, Court) Anitet
get Ohund Hedadata (100), 20)

Rabul

get chunk blika data (1044, 20)



How do systems like truse scale up down drastically?? So Million 1,00,000 Ingestion -> Same -> select different UI board on land Discoverability Meta data felch Streaming video chunk Felch Scale up App Serves + 4 What Gother Repsormers + cook + scale

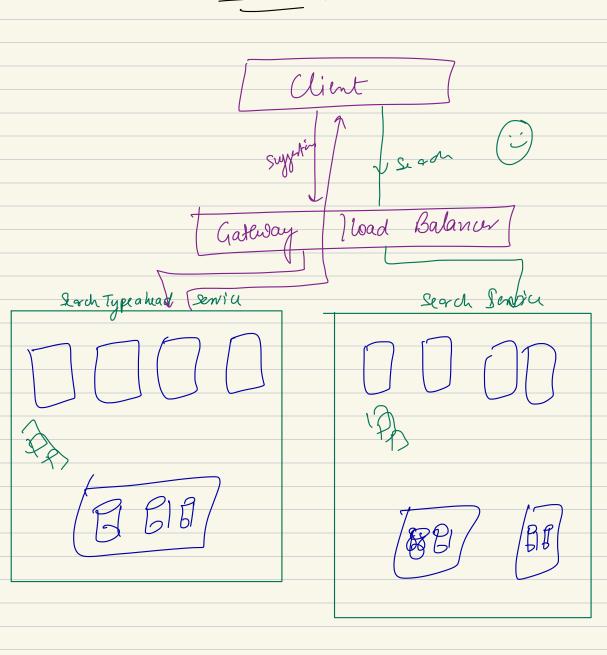
icro cervices/

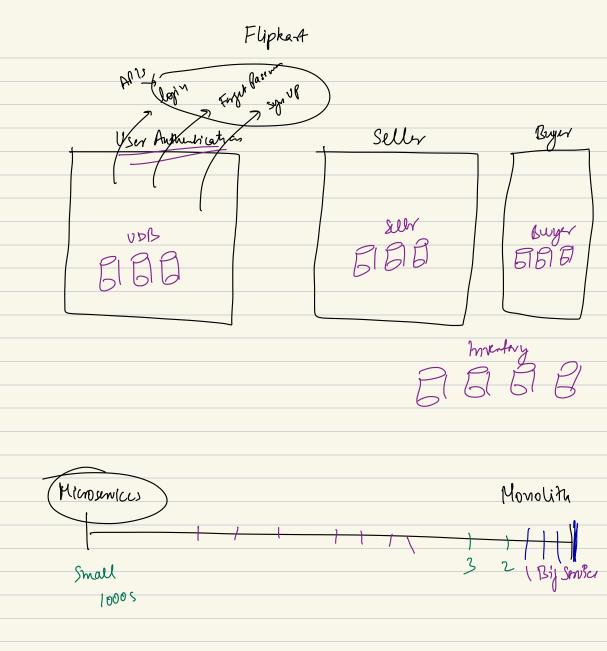
ZIRP

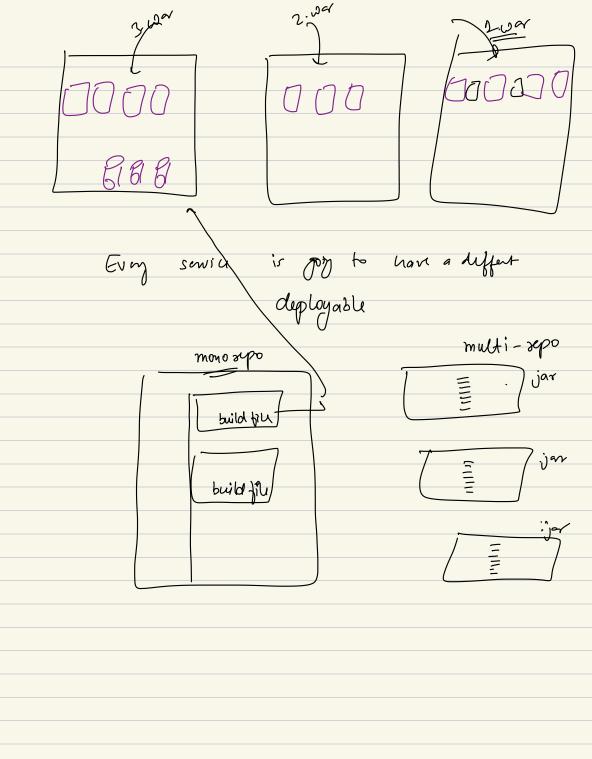
Zero Input Ret Phenom

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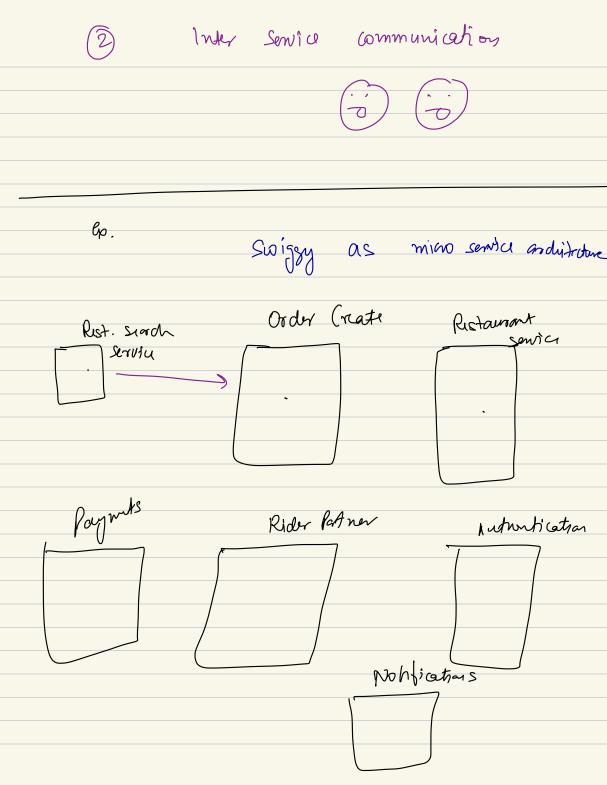






advary Monoliths = _disadvantage Small cools charge recrate deployment develop onbording difficult blast radius TTT / impaltius Buil Time 07777 Deployment Time 277777 Kills the flexibility to choose differt dech stach for different use cases.

1	
	We have discussed so many
	advoutages of smaller senius (microservius
	and indum dis advantages of biffer service [monolims]
	downside of mino senius
	(i) with every new service you have the
	overhead of managing a snew service
	0,00,7,000
	-> deployment pipeline
	-> Test-suite
	-> Monitriny
	<i>→</i>



Strangler Fy Pattern Monolin 1 service Scale SN Janhahaka J. Sr " auth