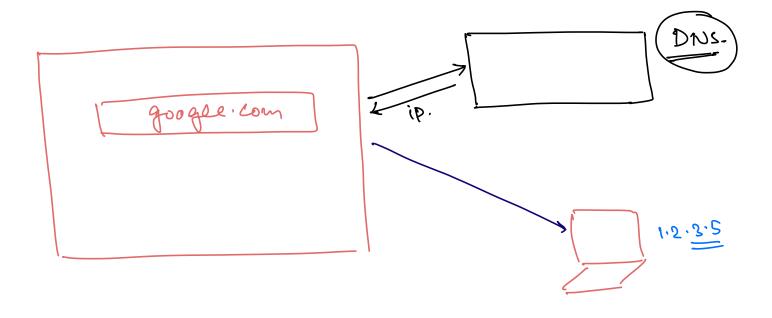
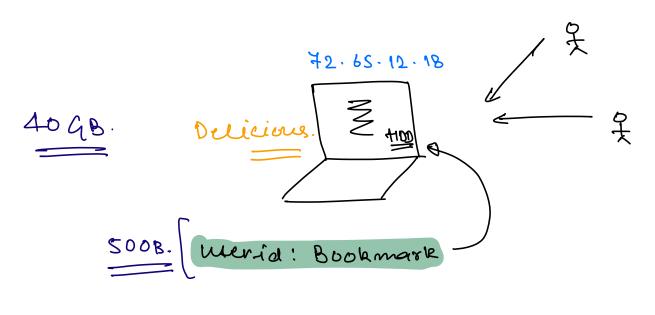
Agenda.
-> Intro
-> What is Cloud? Ly Jaas, Paas, Saas.
→ Cloud Computing relevance for jobs.
-> Story of DEL·1010·US.
Cloud Computing relevance for jobs.
Backend Devops/ MLEI BA/ Frontend Eng. Cloud Data SDET Sing.
Eng. Cloud Data SDET - Sugineer =
Data Ccientist
(I) System Perign.
1) System Perign. 2) Cloud Computing
7 Aws
Ms Azme Cloud
GCP Service
Providers-

#	
	1) Single Point of failur
1 /seach 77	2) High traffic
# Pel·icio.ue. >>>> Booku 2004.	nast.
Internet Explorer.	
userid: [Bookma	rles]
Flatic Ip.	J. VILL
	20
foogle com: Scaler com:	1.2.3.5
Scaler. Com:	10.20.30.40

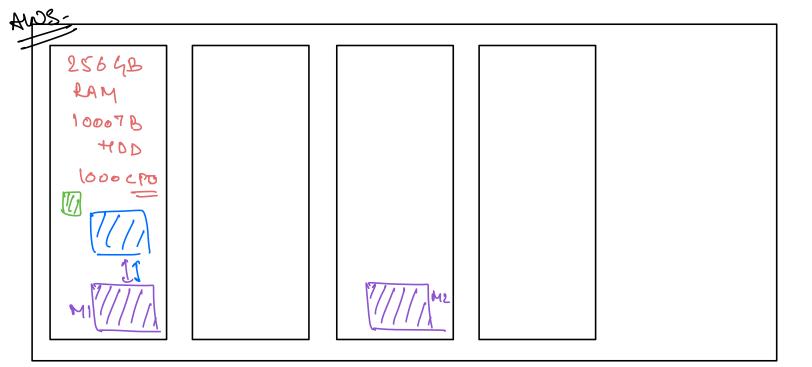




=> IM Bookmarks per day
=> Space Day

1 Bookmare => 500 B. 1 Million => 500 × 106 B. => 500 MB.

-> If we have more m/c, maintainance
Fif me have more mfc, maintainance mont de very difficult.
=> Pistributed architecture
Cloud Service Providers
h Aws
Azure Con Contraction of the Con
Vater Centre.
00,000
> Rent myc from Mond providers as per the requirement.
réquirement.
Pay as per
SCALER. Pay as per
99M-11:30PM) 100 m/c
19 hrs: 20 mgc



<u>Mi</u> : 2 CPU

24BRAM

100 GB HDD.

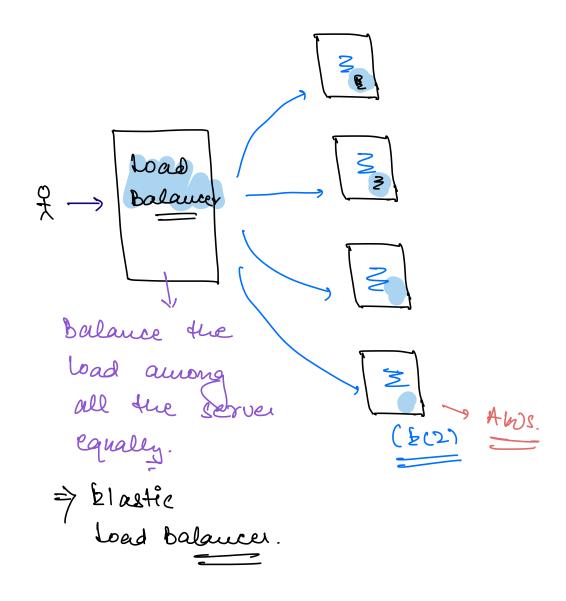
M2: 2 CPU

24BRAM

100 GB 400.

→ Isolated.

Hypervisor.



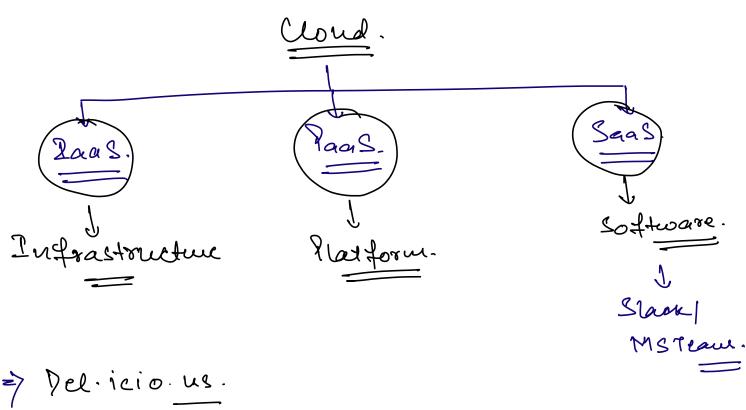
The signal restriction of tool => (+1)

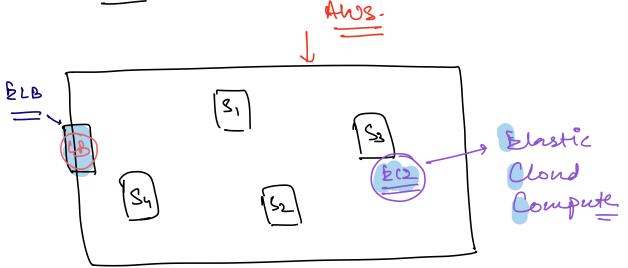
if CPU utilization of tool => (+1)

if RAM utilization (30% => (-1)

if CPU utilization (30 =) (-1)

> Stateless.





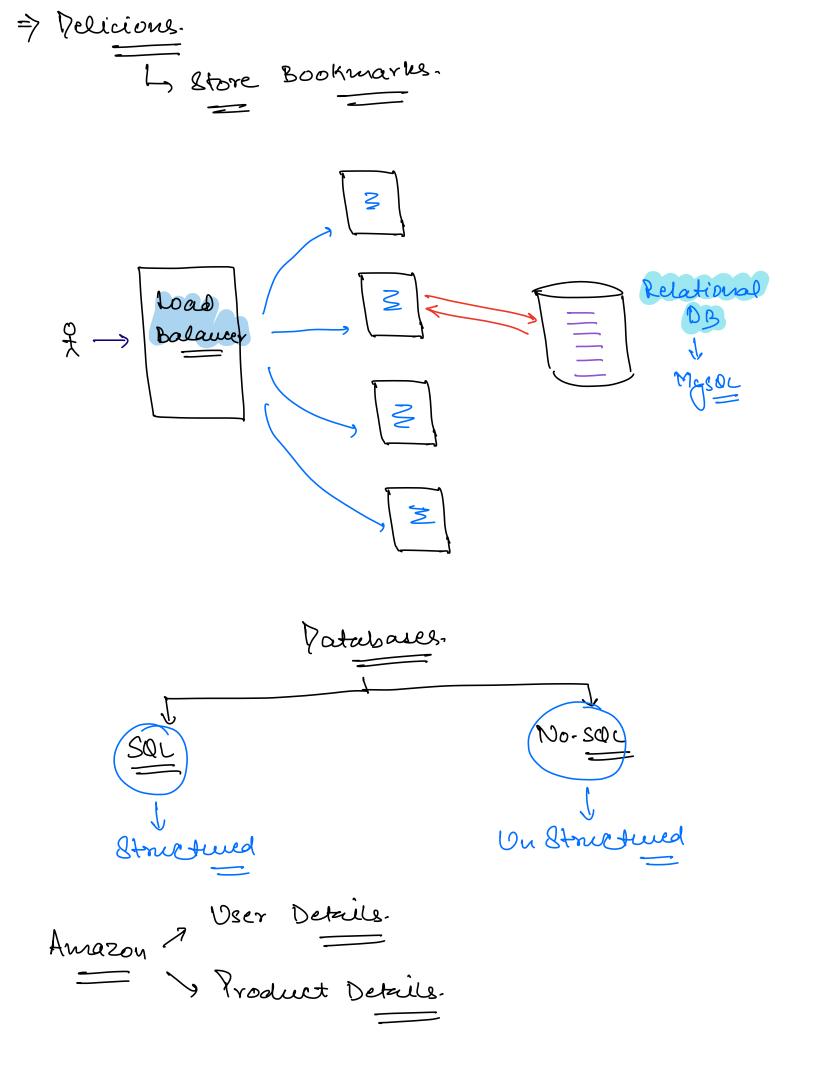
Aws: Type of Ecz w/c

C: Cpv Intesive.: C6i. large => 60-40 \$ month

M: Storage Intestue: Moi. large => 40 \$ | month

R: RAM intensive: Roi. large => 90-100 \$ moutes

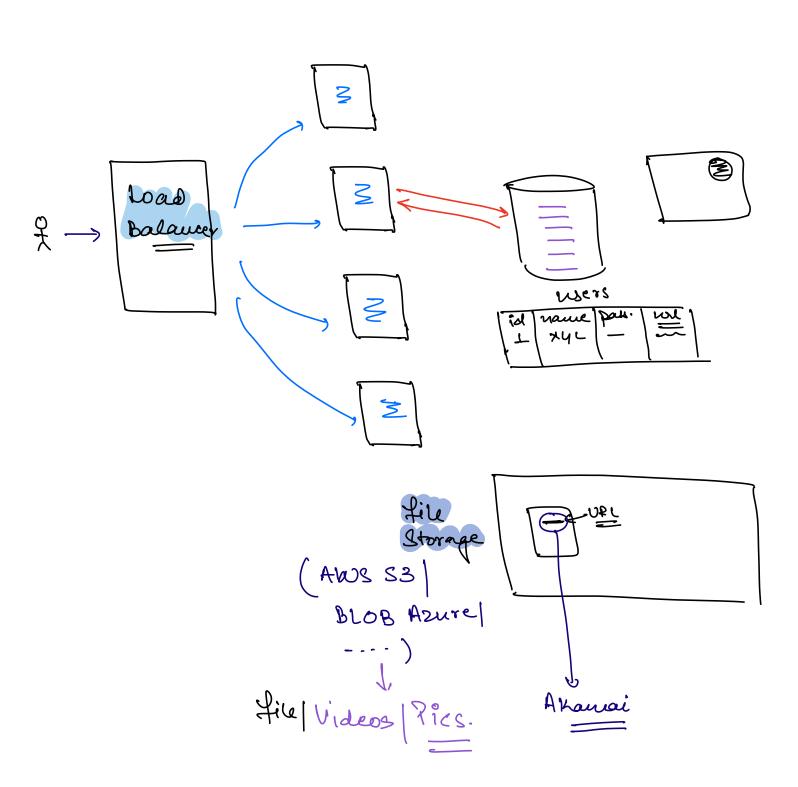
T: Small & cheap w/c



Shirt	
Phone	
laptop	
TU	
l 1 1 1	
=> More than one DB myc.	
=> SHARDING.	
Pividing data across multiple	
mc.	
users: []	
user 3: []	
, , , , , , , , , , , , , , , , , , ,	

Sharding Key.: Userid

New feature. Li profile pic.



Neavest CDN Server Latercy 1. Live Cricket Match on Hotster

# Searching.	
Pelicions.	
Cloud.	
=> full Text Searching.	
=> Elasticsearch.	
DB optimized for full text Sea	veling.
"iphone" -> Docs, Docs, Doct,	
"Cloud" -> Doc2, Doc3, Doc6,	Inverted
"Scales" - Doct, Doclo,	2nder.
Without ->	CNLPJ.

- => find all the does which contains the mord "Cloud".
 - => AWS Cloud water.
- > Notification.

houen a mer adds a bookmark, me meed to notify all of their followers.

list of followers.

for (->) ?

Notify()

= Thue Consuming.

Synchronoue ==

Asynchronous Parallel. Add Bookmark Send Dod (Linz) Logistles Service Order Service Involve Generatio Suipping Service Notification Cervice.

