

TB x 21. =) 140 M User Lax Der

7000 M x2 = 140 M

Design Frade Offs

Dow latency - matching
prolium

2

(D) Design Deepdir

Ouad Tous Parcompute Step build a quad Tree leaf Nodes

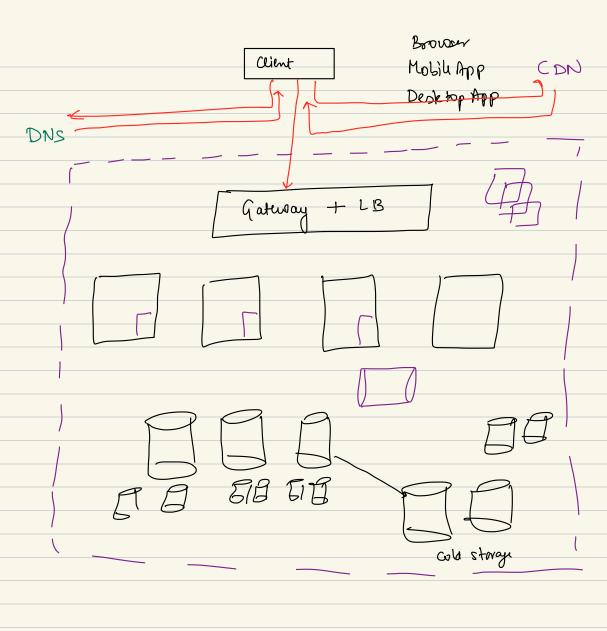
2) query -) Find Nesby Places

[pryfyback on Ouad Tru

and answer]

(3) places - added

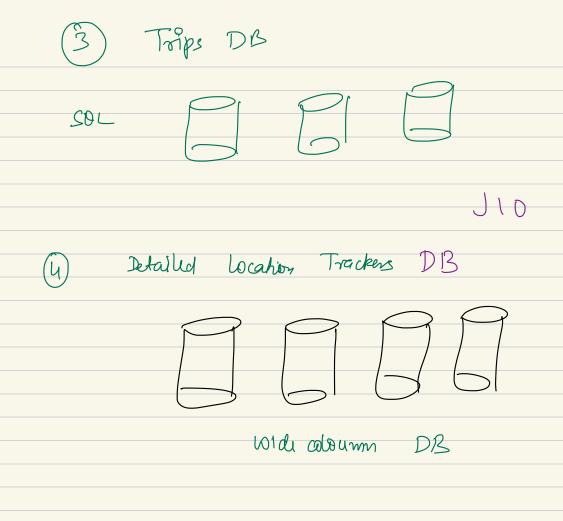
- removed



Federation of DB a shard this DB (SOL (3)) MON Was 20th dishurs WOOM Wars drivers + usus Database Federation 1004 Places of Interest Quad Tree (? 6.59 B of storage bitingion a sight normal commedity hardware - 4 9 B starge 64GBGRAM

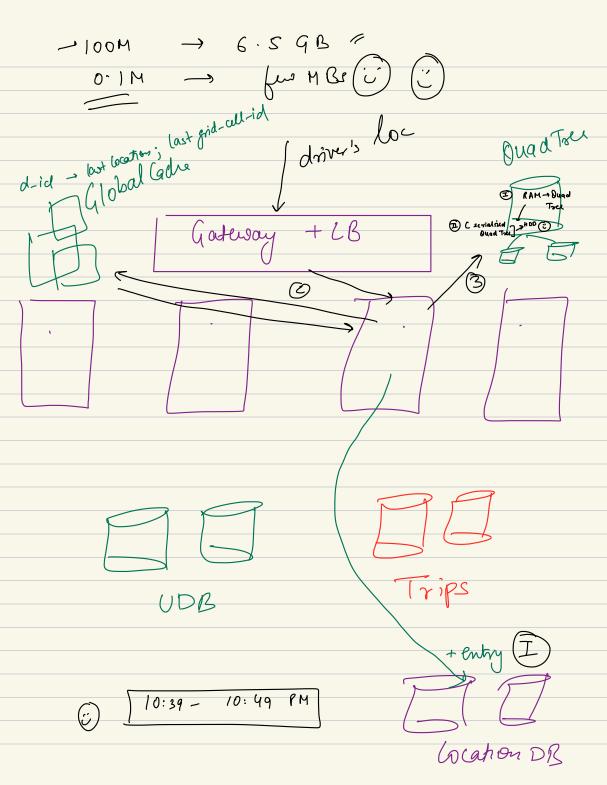
Uber Region - Delli NCR Ober Region - Jaipur + Nelmare + Alwa Quad Tru Quad Tru Uber Region - Paris Intra City (i) (i)





Uber - as a collection of multiple Regional Uber systems

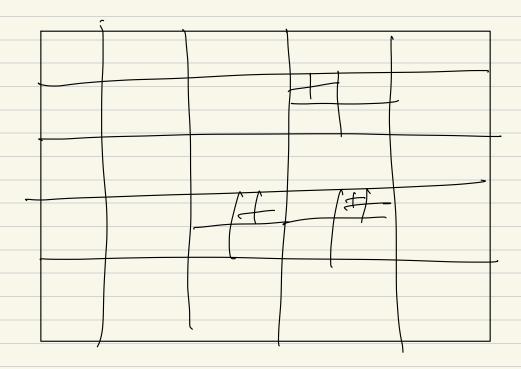
Zoom into any I Ubor Region

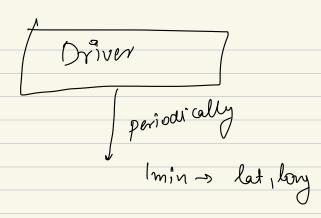


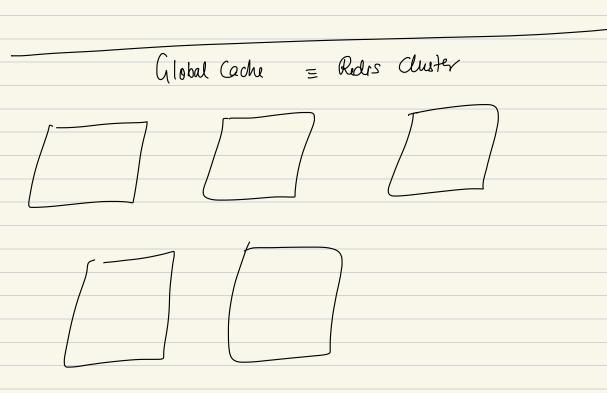
Step1: Bootstrap your guad Toca

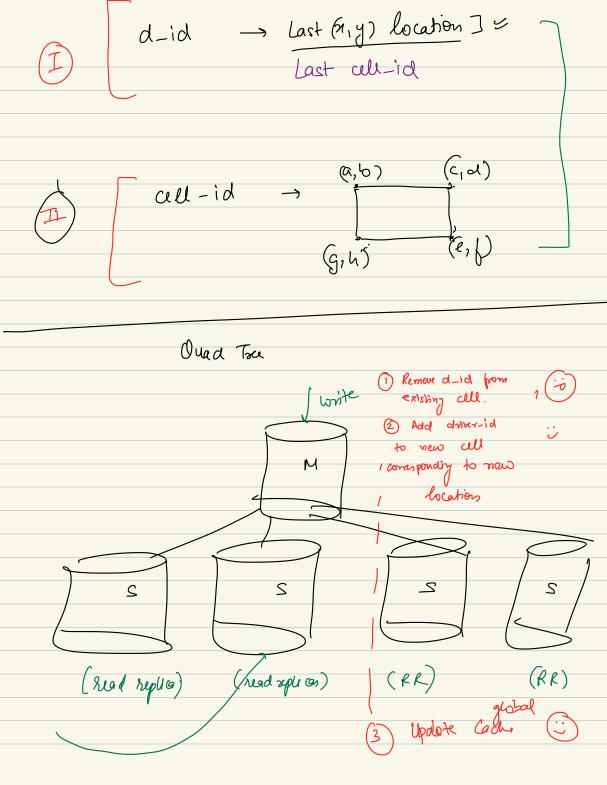
[Some reference data to]

approximate

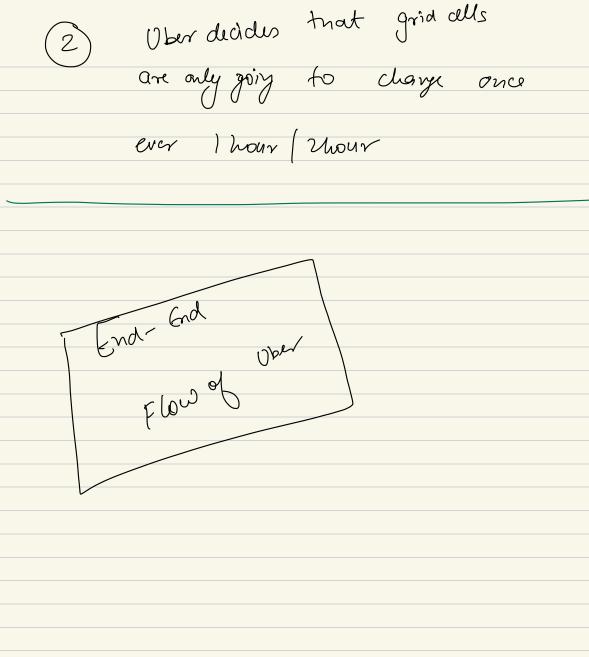








	disign seems like a dever use care	
of	Quad Tics	
(i) We hav	e dell- subsystems for even region.	
2 Insid	each subsystem, we have an independent Tree.	
Ouad	Tree.	
3 We are	e cleverly very Redis global Cardy deats)	
and (o	The to minimize he work requests to he	
mach	in to minimize me with rejusts to the	
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PROBLEM	OF CONTINOUS MERGING	
<u></u>	and SPLITTING	7
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	Range Threshold	1
(00	(spit)	
	7	
50 —		
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Diver location flow (1) Clert location_update () Reds Cache Gatersay Quad Tru 2965

Ride Bookiy Plow Clork Reds Cache Gatersay Fetch drivers Quad Tou Sapel location DB

