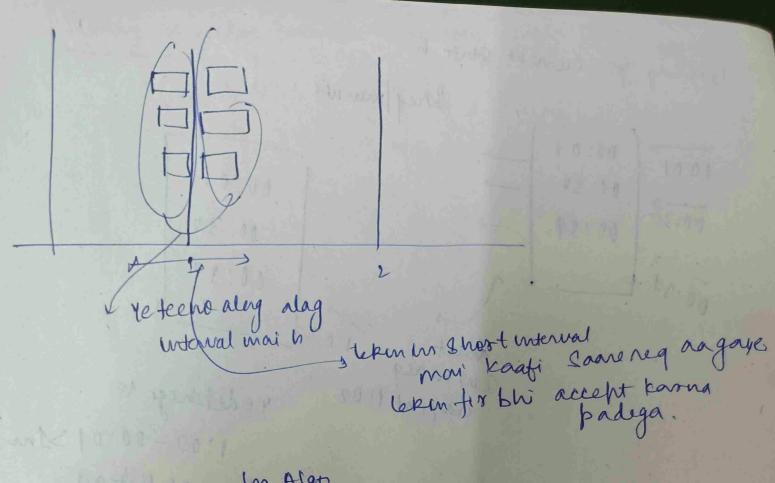
Abhi tak hamore "hlobal Rate lumsterng" dekn rahe the mattab alloner globe keli se jesne reg di, uspe nate luniterng kan rahe the

lekin humlog Ratelinuturg I ogste humer level fr ya 200, IP level fil.

Durer ya IP level banane ke lige dukkat geh ki, mujhe haan ek weid ja In Addrew be corresponding myne bucket banana padiga.

Notes - Hum grate limiter API based bhi
banca labte h,
mottab ek apptication mai let say
mottab ek apptication mai let say
100 API, to mai chahae to
100 API, to mai chahae to
haarek kelige alag Rate limiter
haarek para hari big saktar
rate big sakhna

Fixed Window Counter (1) Ina fixed interval (lay a sec or amount) Only a Specific no, of reg can come. Jesse bui aap global ya over ya splend peimplement kan sakte ho Ideal Care mi fixed Courtes (3) sex particular fixed time interval mai 3 se joyda Jugui aa Salte. Com! Pros! James for Coad n Court-If burst traffic comes at edges of number 16 may lead to Server crank, high Latency. Lmostlah PTb



Strang rundow log Algo

- Bert Algorithm for Plate limiter - Strict

-> Slow & memory consuming

Algorithm

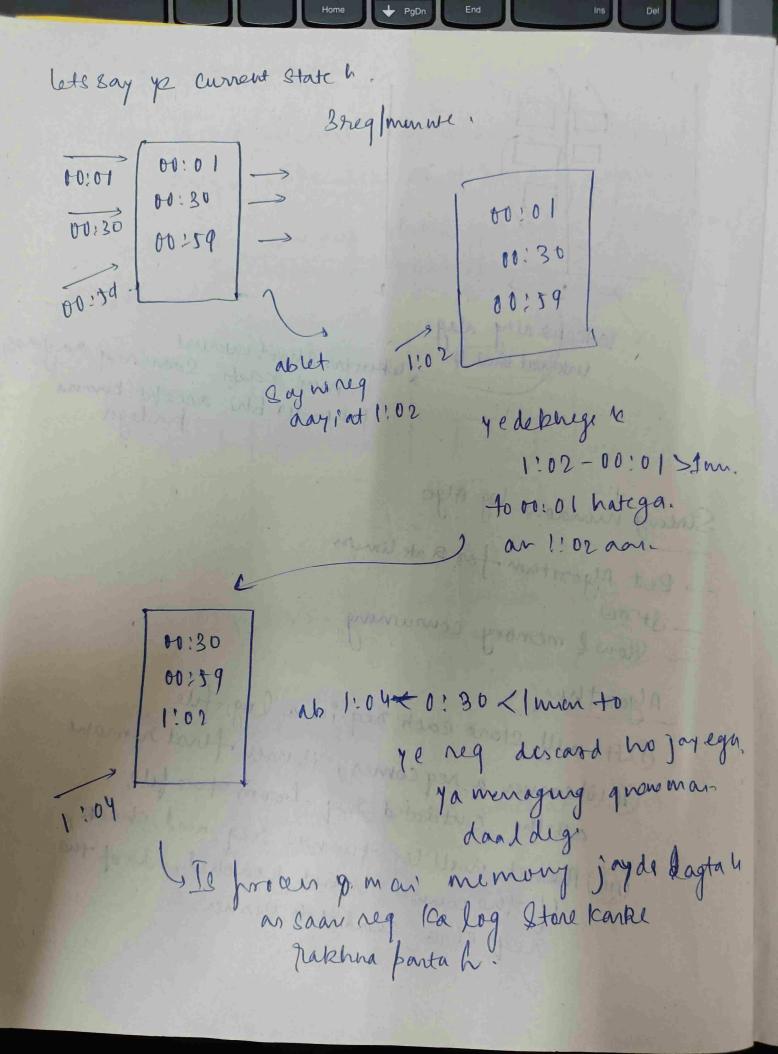
1) It will stone each reg in a log file. Wishenever a reg comes, it will first remove

all the outdated reg from the file

(11) Then it well log for new reg and cheek,

y the country limit reached, drop to

reg else sendit to server.



Stiday Mandow Counter Algorithm
(mul do at end)

1:40:00

W,

u,

4

Create our own Rate Limites
- Aapko kund Ica Rate limiter banane ke lige kuncheero ke jarrarat fordue wale h?
-swhich algo to implement? -swish lay for impliants - fixed mandow counter.
req
Assume kan have increally to unformly as naha neg au server he load ni had raha.

Excepted Counter= 3

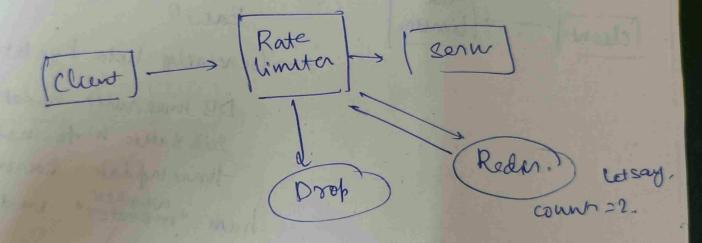
Counter=

[client]

Hard St. James Land Spirit public house

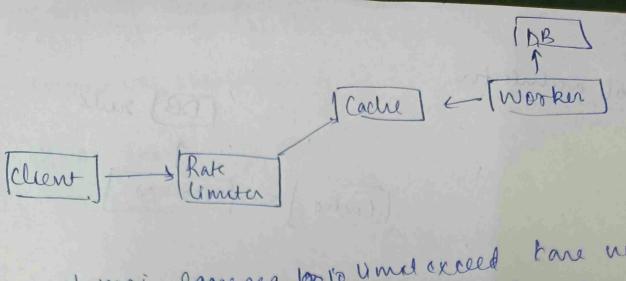
Server

Rate linning to kenna implement korso? - Mai kan traha middle wow.

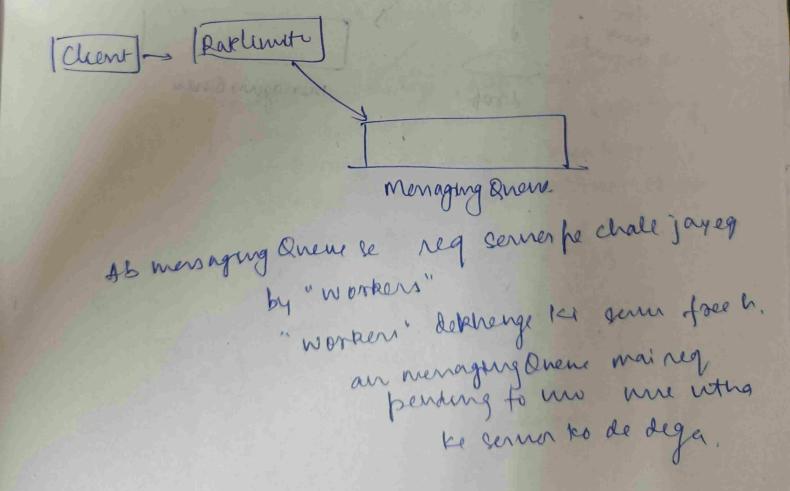


Jabhi reg aayega Ratelemeter to mo Reder se puchiga ki une allow kam ya m; am lover time baad sab teret

Evol rules honge somai DBma. Is hat luncter ke Store Carringe leten DB se accers Kaafislow ho Jayega, 18tye Cache bhi une leaning. Scache ab Cache DB sedata lega > Rate Limiter client kahe! > henerally hota kyahki DB mai rules update hote Ireh sakte h' to usse time update banne beløge hun "mondor" install koninge rebonen codetype hju haar expanticular interval to DB se latest data fetch tanke Cache man doal dega



ab mai saar reg 100 jo umd exceld tare unhe Drop in learninga, kuch imp reg to. Maraging Quare mai daaldiga learning



whole architectin DB) rule. workers Cache Rate chent lunder Ireder worken 429 foo menaging Ones Arch.