

Redis →

- What is Caching, what's benefit
- What is Cache
- Leverage a redis Cache in our project

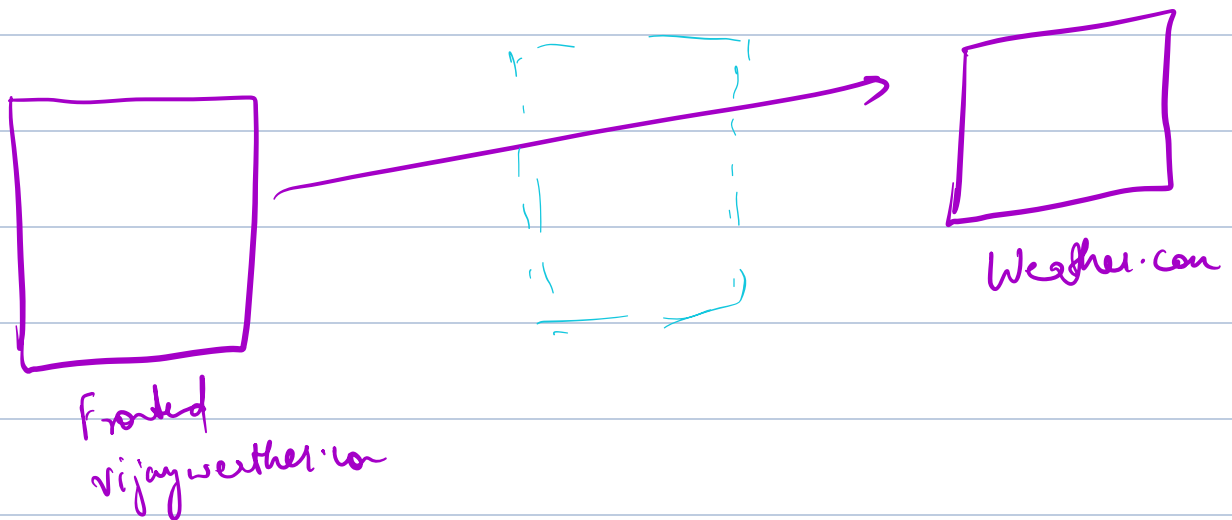
Auth

Product Catalog

Data from 3rd party API

Vijayweather.com

7<sup>th</sup> Sem



Pros →

- No backend is needed, we can save cost on B/E Infra & Engineers

- Single hop → Latency will be

Cons →

less



{

"place" : "Delhi",

"Time" : "7:10 am"

}

headers =

apikey = "\_\_\_\_\_"

• Blackmail

• Misuse / sell this API key to competitors

2 Rs

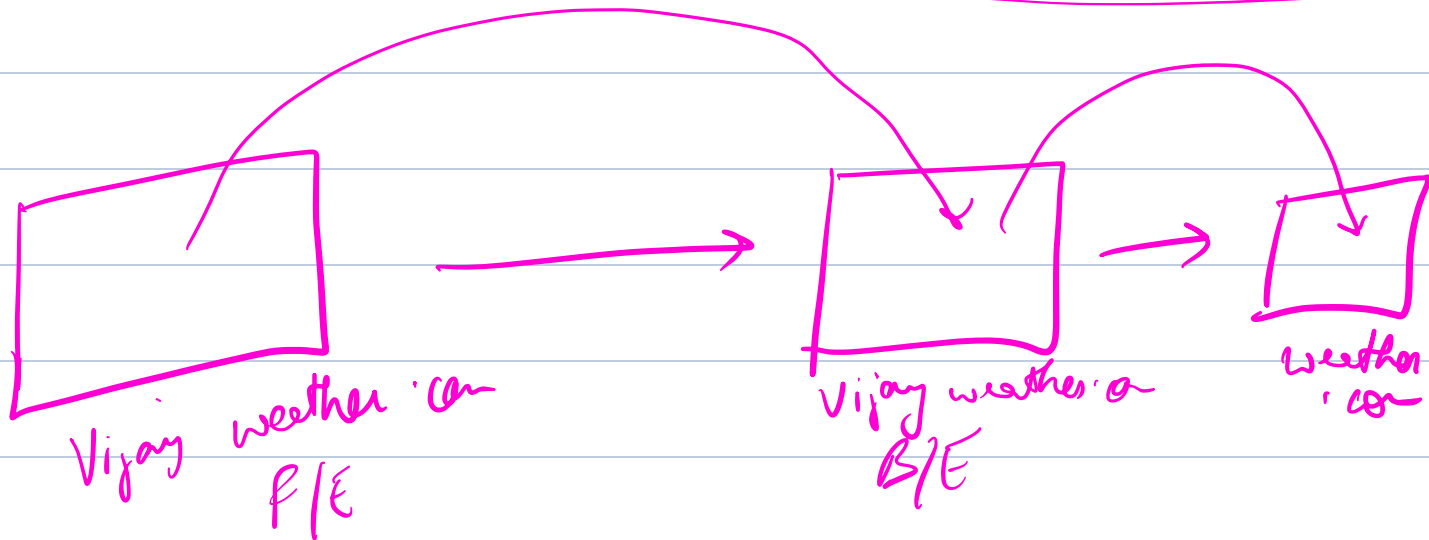


1 Rs

to weather.com

50 %

- We always to make call to weather.com whenever there is a req on our end



Cons →

- Cost for B/E Infra & Engineers will be needed
- 2 N/W Hops, increasing latency

Pros →

- Because BE App is in cloud, Secret can't get leaked.

7:00 - 7:15 am

7:16 am - 7:30 am

7:31 am - 7:45 am

Temp | weather

DB

7:am - 7:15 ~~→ weather . co~~

More money saved → More profits  
because we will not be  
calling weather. com for each cell.

Place	Start time	end time	temperature	weather
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→ (DB)

Hard-disk

faster

RAM / ROM ~~HD~~

faster

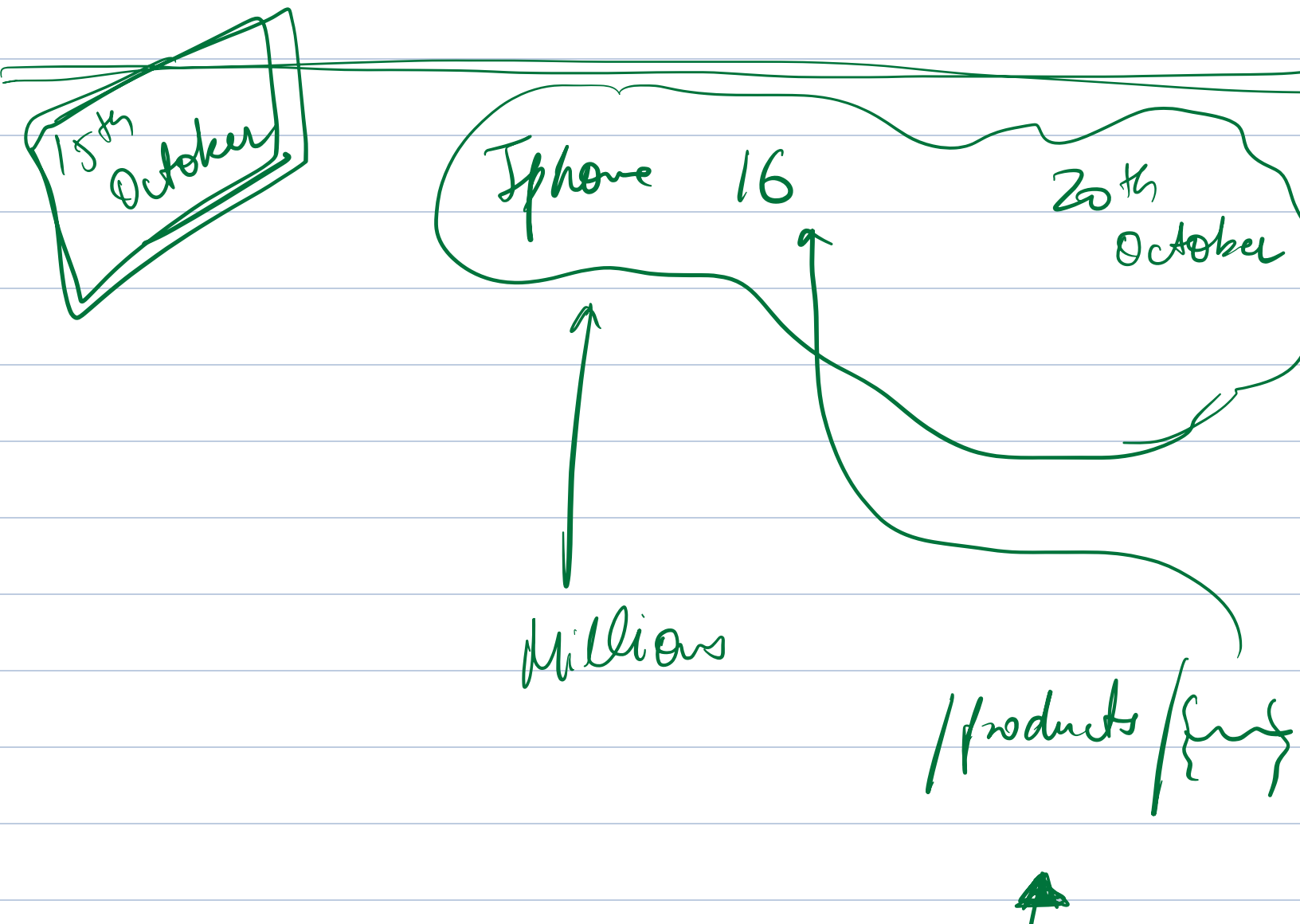
Cache

Registers

Cache →

Key Value pair

Map



Million

Cache

DB | srd