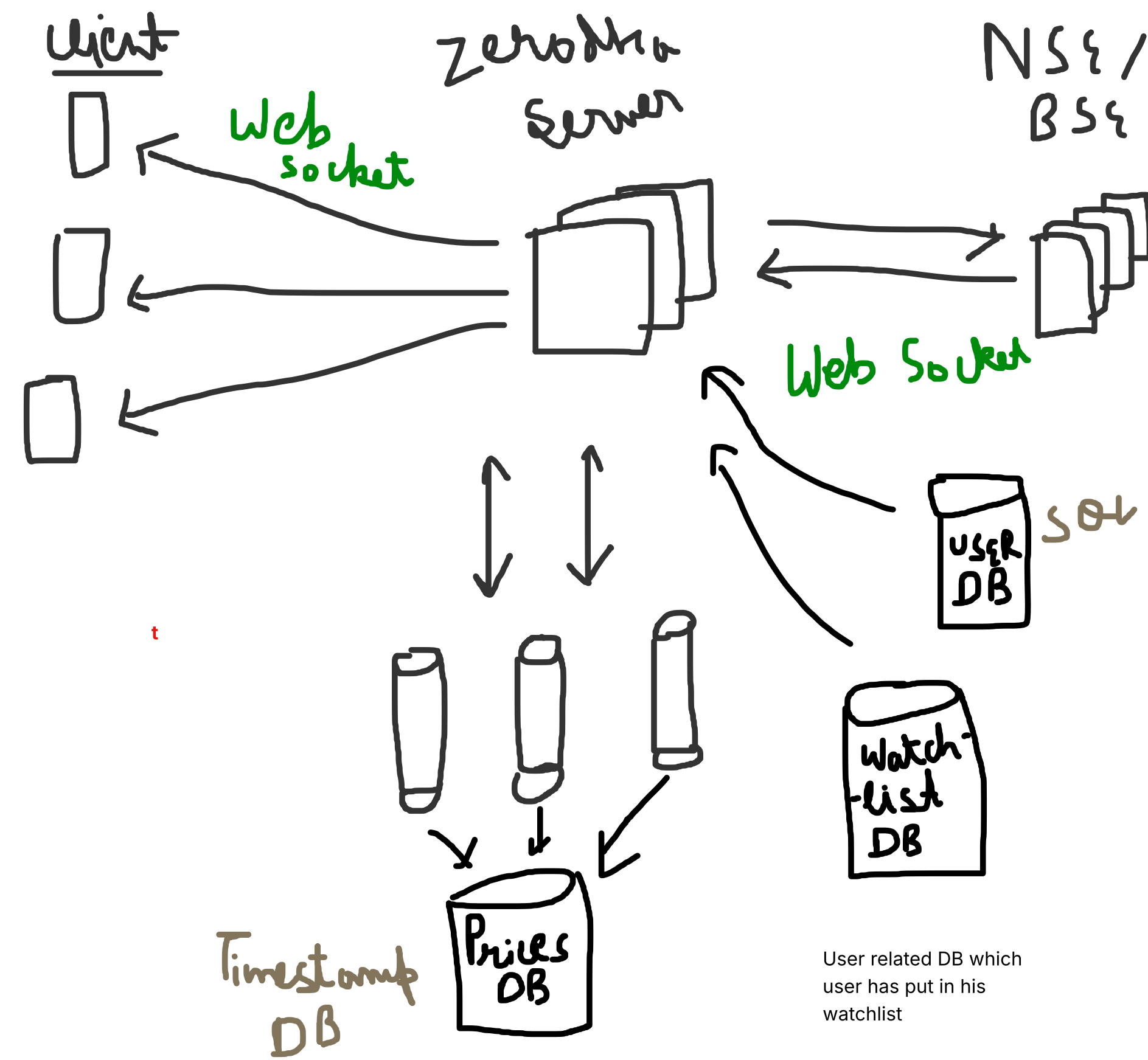


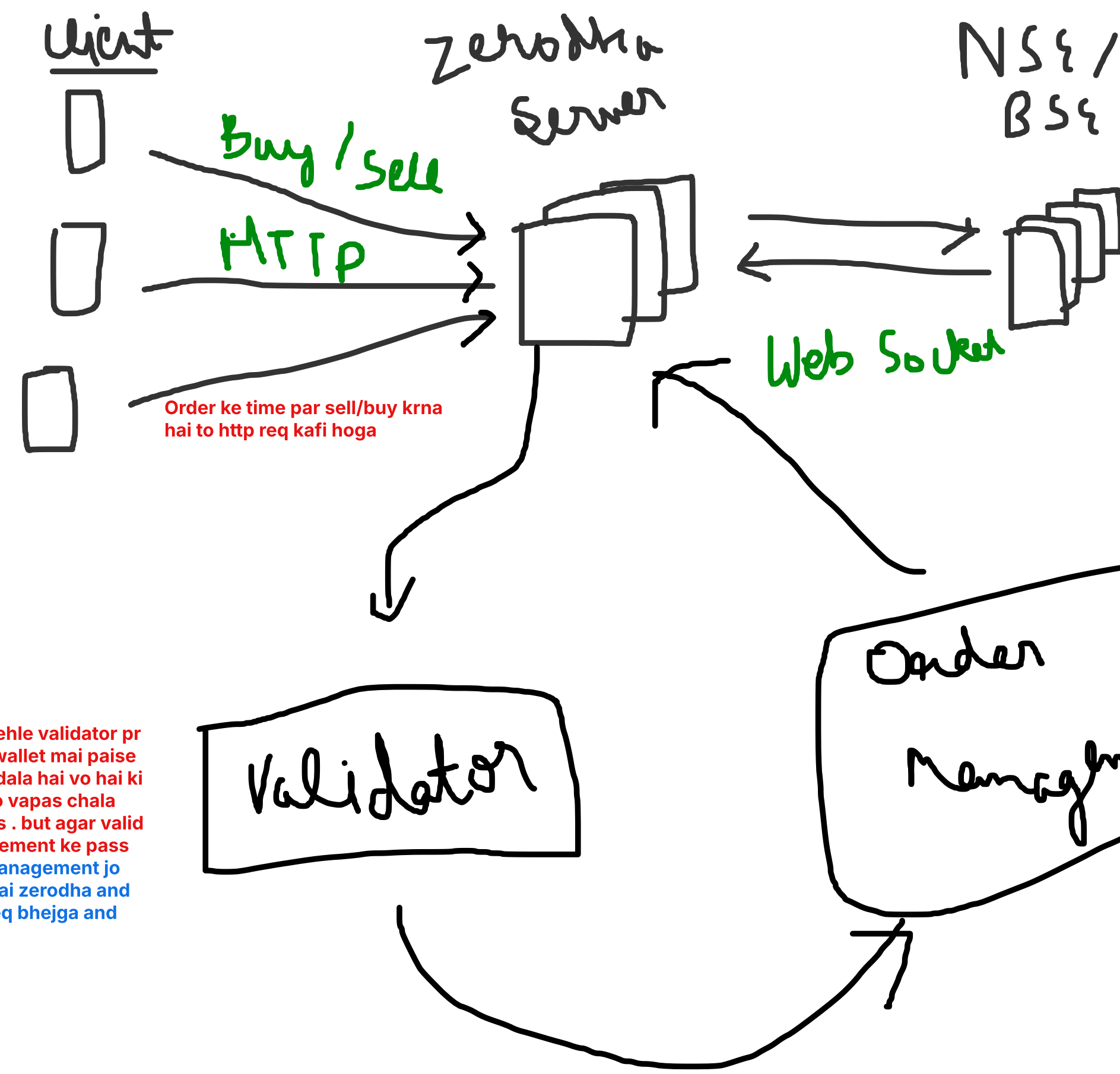
Watchlist



Timeseries dB mai timestmp and uska value store hota hai. Agar ye use ni krte to ham SQL db lete usme timestamp lete and usse index banate taki sorted rahe usse better timestamp db use kro to zyada optimised hai vo. Zerodha [Clickhouse](#) use krta hai

User related DB which user has put in his watchlist

ORDER Placement

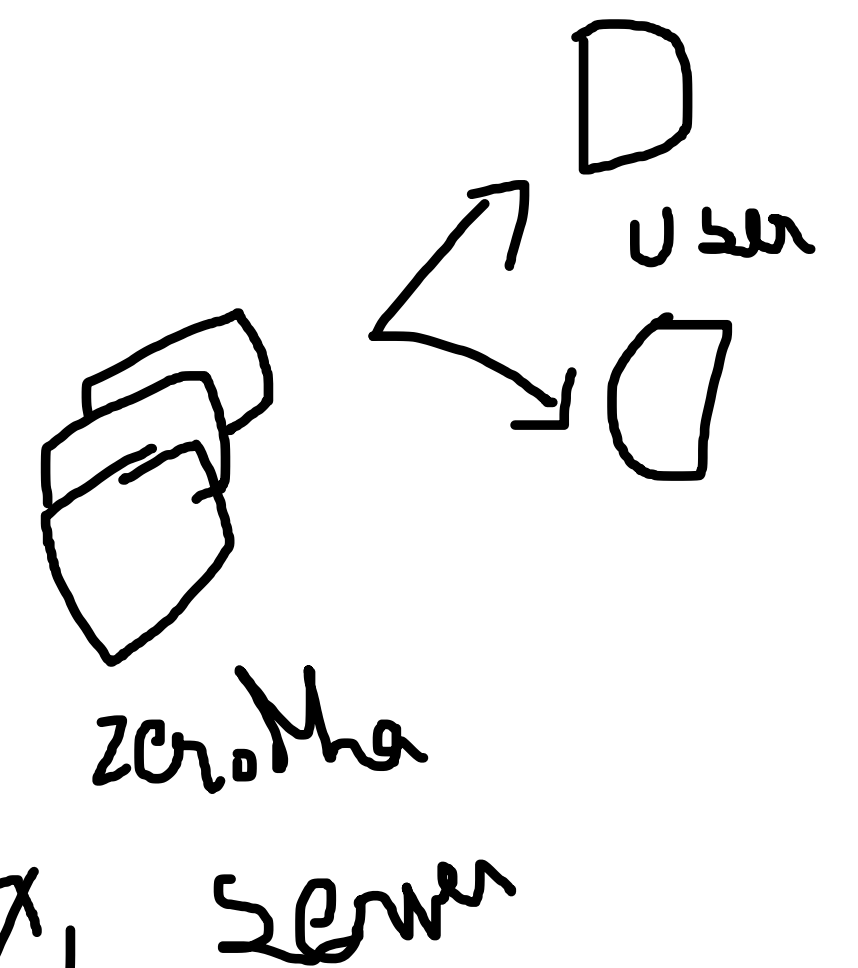


HTTP req aate hi pehle validator pr aayga dekhega ki wallet mai paise hai ki nahi, jo limit dala hai vo hai ki nahi. Agar ni hua to vapas chala jayga client ke pass. but agar valid hai to order management ke pass call jayga. Order management jo web socket bana hai zerodha and nse/bse ka unhe req bhejga and book krdega.

Market close hone ke baad bhi jobs chalte hai jo check krta hai ki NSE/BSE and Zerodha ka MainDB dono sync mai hai ki nahi.

Console

Ye vo hai jaha tumhara profit and loss dikhta hai.



Maanlo user ne bola mereko pichle quarter ka P&L chahie ya koi aur report chahie, sabse pehle vo Reports Service ke pass jayga instead of direct MainDB pr hit maare because millions of users hai ek baaar m aaya to fatega. Report service fir queue m bhejti hai ek-ek karko to WorkerService. WorkerService apne pace par MainDB se lata hai ingo and Results DB mai store kr deta hai. Ab next time agar same query aaya toh vo Results dB se hi lelega instead of vapas workers service pr bheje.