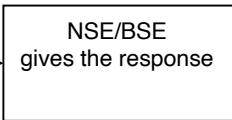
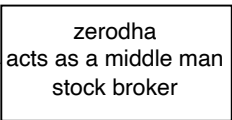


# Requirements

Watchlist - users would analyse and keep track of these stocks.  
search stocks and view weekly or monthly performance  
market depth - how stocks are performing - orders placed per day ,  
month at what price, volumes and number of people placing the orders  
portfolio - user holdings  
order book - orders placed - what you asked for an order  
tradebook - transactions - what actually happened within an order



use nosql  
for watchlist  
low latency  
ability to shard inherently



10k stocks \* 10 bytes \* 1k brokers having licenses  
100 MB  
2 GBps network bandwidth  
20 updates in 1 second  
every 50s send an update

