

Requirement

Create an application where buyers and sellers meet to buy and sell. The system should have following requirements at minimal;

- Create an application which displays online stock tickers.
- It publishes stock tickers every 20 second for 5 times and then wait for 1 minute before restart fetching stocks again.
- This market has 5 stock tickers.
- Market connects to a online / local stock ticker generator which publishes REST endpoint.
- Local generators can generate random prices every second between 50 to 500 dollars.
- A Stock ticker has two information symbol and price.
- There are 5 potential buyers watching the tickers.
- Each buyer can:
 - select stock ticker to view. Store the preference either in memory / db / file
 - view all the stock tickers updated live
 - view symbol, price, % change compared to previous price.
 - each update sort stocks in the highest change to lowest.