

Board

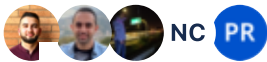
CS180 - Moni



School Free



Team Visible



Invite

Backlog

Decide icon for application (Julian)



Priority - Low Size - Large

Serverside Backend

Train ML Model to predict next stock

Sprint Backlog

Size - Small Priority - High

Clientside Backend

Incremental Analytics: Add function that checks last data available in dataset and if it does not match the current date, pull newly calculated data

NC

In Progress

Testing

Sprint 6 - Completed

Size - Small Priority - Medium

Clientside Backend

Refactor loading data Moving Average / Crossover to Flyweight (Nick)

NC

Size - Small Priority - Medium

Clientside Backend

Create a function that loads ETF or Stock depending on UI (Patrick)



Size - Medium Priority - High

Clientside Backend BUG

Time period does not persist over change of analytics (Nick)

NC

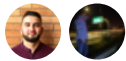
Size - Small Priority - High

Clientside Backend BUG

When on candle stick, switching Display Value causes it to change back to 'Trend' (Nick)

NC

Refractor Frontend Files (Julian, Mohamed)



Size - Small Priority - Medium

Clientside Frontend

Display velocity on chart control (Nick)

NC

Size - Small Priority - High

Clientside Backend

Get velocity data from server (Nick)

NC

Serverside Backend

Size - Medium Priority - High

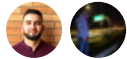
Incremental analytics for moving average (Julian)



Size - Medium Priority - High

Serverside Frontend

Change PubNub code to accept etfs
and Stocks (Julian, Mohamed)



Serverside Backend

Size - Medium Priority - High

Incremental analytics for velocity
(Julian)



Size - Medium Priority - High

Serverside Frontend

Implement Client ID's (Julian)



Sprint 5 - Completed

Size - Medium Priority - High

Clientside Frontend

Refactor chart into class (Nick)

NC

Priority - Medium Size - Medium

Clientside Backend

Get stock or etf from scrolling
(Mohamed)



Size - Medium Priority - High

Clientside Frontend

Add multiple lines to chart (Julian)



Size - Small Priority - High

Clientside Backend

Create function to gather velocity
data from backend (Julian)



Size - Large Clientside Backend

Clientside Frontend

Serverside Frontend

Serverside Backend

Fix Bugs (Julian, Mohamed, Nick)



NC

Sprint 4 - Completed

Size - Small Priority - High

Clientside Backend

Retrieve Moving Average from server
using PubNub (Mohamed)



Size - Medium Priority - High

Clientside Backend

Add moving average to stock
dictionary by ticker (Mohamed)



Size - Small Priority - Medium

Clientside Frontend

Add Moving Average to Analytics
drop down (Nick)

NC

Size - Small Priority - Medium

Clientside Frontend

Create UI object to switch between
ETF and Stock (Julian)



Priority - Medium Size - Medium

Clientside Frontend

Display Moving Average on chart
(Nick)

NC

Size - Small Priority - Medium

Clientside Frontend

Pass Moving Average data back to front end (Julian)



Size - Medium Priority - High

Clientside Frontend

Create UI object to switch between ETF and Stock (Julian, Patrick)



1



Serverside Backend

Size - Medium

Clientside Frontend

Make Data, Analytics and News Picker which display different screens (Julian)



1



Size - Medium Priority - High

Clientside Frontend

Display Candle Chart on web page with dummy data(Hayden, Patrick)



1



Size - Small Priority - High

Clientside Frontend

Add functionality to new DisplayValue drop down menu (Nick, Patrick)

NC



Look into Chart.js or other library that can do "Candlestick"charts (Hayden)



Size - Small Priority - Medium

Clientside Backend

Create function to reload stock list with newly filtered data (Nick)

NC

Size - Small Priority - Medium

Clientside Backend

Create function to reload candle chart with newly filtered data (Nick)

NC

Size - Small Priority - High

Clientside Frontend

Add functionality to new DateRange drop down menu (Nick)

NC

Size - Medium Priority - High

Clientside Backend

Refactor comm.js to be more modular (Nick)

NC

Size - Medium Priority - High

Clientside Backend

Create function(s) to gather correct data to display on candle chart (Patrick, Mohamed)



Size - Small Priority - Medium

Clientside Frontend

Add drop down for Analytics (Nick)

NC

Priority - Low Size - Small
Clientside Frontend

Changed the percentage color
box(Hayden)

 1



Priority - Low Size - Large
Serverside Backend

Refactored Server Code (Julian)



Size - Medium Priority - High
Serverside Backend

Created FileIO class (Julian)



Priority - Medium Size - Large
Serverside Backend

Calculate momentum (Julian)



Priority - Medium Size - Large
Serverside Backend

Calculate crossover (Julian)



Priority - Medium Size - Large
Serverside Backend

Update Server to handle new
incoming requests (Julian)



Priority - Medium Size - Large

Clientside Frontend

Created Header bar (Julian)

  1



Priority - Medium Size - Large

Serverside Backend

UnitTests for Analytics Class (Julian)





Priority - Medium Size - Large

Serverside Backend

Calculate moving average (Julian)





Sprint 3 - Completed

Size - Medium Priority - High

Clientside Backend

Create functions to filter stock data
by date range (Nick, Patrick)

 1

NC



Size - Medium Priority - High

Serverside Backend

Send side bar labels in chunks
(Mohamed, Julian)

 1 



Size - Small Priority - Medium

Clientside Frontend

Change color of graph depending on
previousDayClosed value (Julian)

  2



Size - Medium Priority - High
Serverside Backend

Pull new data from the web and
append to csv (Julian)



Size - Small Priority - High
Serverside Backend

Make try catch block to prevent
server from crashing (Julian)



Size - Medium
Clientside Frontend

Make Column chart in bottom of
graph for volume (Julian)



Size - Small Clientside Backend
Clientside Frontend

Create slider to choose between
stocks and etfs in HTML/CSS
(Patrick)



Size - Small Priority - Medium

Clientside Frontend

Make Sidebar percent change in colored box on previousDayClosed (Hayden)

 1



Size - Medium Priority - High

Clientside Frontend

Create Button to choose stocks/etfs to view (Hayden)

 1



Updated UI to look like the mock up (Julian)





Size - Small Priority - Medium

Serverside Backend

Added Delete functionality to Server (Julian)





Sprint 2 - Completed

Priority - High

Serverside Backend

Added GetLabels Function (Julian, Mohamed)



Priority - Medium Size - Medium

Serverside Backend

Multi Thread the import of files (Julian)



Size - Medium Priority - High

Serverside Backend

Server fetches name of stock before sending data to client (Julian)



Size - Medium Priority - High

Clientside Backend

Load Pubnub JSON Request into Stock Object (Hayden, Julian, Mohamed, Nicholas)



NC

Size - Medium Priority - High

Clientside Backend

Sort stocks by date(Hayden, Mohammed)



Size - Medium Priority - High

Clientside Frontend

Create chart to view stock data (Nicholas)

NC

Size - Small Priority - High

Clientside Frontend

Add previousDayClosed value to stock side bar (Nicholas)

NC

Priority - Medium Size - Medium

Clientside Frontend

Create date range filters buttons for graph (Nicholas)

NC

Sprint 1- Completed

Design Frontend Layout (Julian)

  2



Unit Test Serverside Backend

Make Unit Tests for Database Class (Julian)





Unit Test Serverside Backend

Make Unit Tests for Stock Class (Julian)

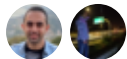




Size - Small Priority - High

Clientside Backend

Create Stock class(Hayden, Mohammed)



Size - Small Priority - Medium

Clientside Backend

Stock dummy generator(Hayden,Mohammed)



Import Stock/ETF CSVs as Dict
(Mohamed, Julian, Patrick)



Push initial Electron project to GitHub
(Mohamed)



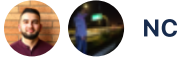
Size - Small Priority - High
Serverside Backend

Design JSON request architecture
(Julian)



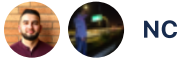
Priority - High
Clientside Backend

Request PubNub data (Julian,
Mohamed, Nick)



Priority - High
Clientside Backend

Receive PubNub data (Julian,
Mohamed, Nick)



Pubnub Communication Protocol
(Julian)



Size - Small Priority - High
Serverside Backend

Set up PubNub (Julian)



Clientside Backend

Create Stock Object (Julian, Patrick)



Priority - High

Serverside Frontend

Serverside Backend

Accept request from PubNub and
return requested Data to PubNub
(Julian, Mohamed)

