NC PR 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 - Medium
Clientside Frontend

Display velocity on chart control

In Progress

Size - Small   Priority - Medium
Clientside Backend

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

PR

Testing

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   PR

Serverside Frontend
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 mementum (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   PR

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)

👁 📎 1

Size - Small   Clientside Backend

Clientside Frontend

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

PR

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**
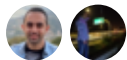
Make Unit Tests for Stock Class
(Julian)

👁

Size - Small **Priority - High**
Clientside Backend

Create Stock class(Hayden,
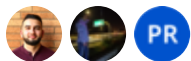Mohammed)

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)

👁   NC

Priority - High
Clientside Backend

Receive PubNub data (Julian,
Mohamed, Nick)

👁   NC

Pubnub Communication Protocol
(Julian)

👁

Size - Small   Priority - High
Serverside Backend

Set up PubNub (Julian)

Clientside Backend

Create Stock Object (Julian, Patrick)

👁 ≡   PR

Priority - High
Serverside Frontend
Serverside Backend

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

👁

Sprint 6 - Completed

Sprint 7 - Completed

Sprint 8 - Completed

Sprint 9 - Completed

Sprint 10 - Completed