**Final Proposal**

**Mission:**

One of the problems with trading is not being notified about the changes in the market, because you can win or lose money for those unexpected movements. For that, I do this website to have access to data on those market movements.

**Audience**

My audience is those traders or people who are interested in stocks, currencies, and cryptocurrency values. They are those who take advantage of the website.

**Major functions**

My principal functions for the website are:

* **GetData:** this retrieves the data for the local API that will contain the names of the principal stocks, currency pairs, and cryptocurrencies.
* **GetSpecificElement:** This retrieves the data for the API <https://alphavantage.p.rapidapi.com> has how parameters the name and category values.
* **RenderListItems**: This will render the stock, currencies, and cryptocurrencies list. It has how parameters of the list that we got for GetData**.**
* **ShowChart:** I will use Chart.js to show the historical data.
* **ShowTable:** It will display a table with the data for recent values.
* **GetLastViewedElements:** This will display the last three elements that were visited and that are storage in the LocalStorage
* **StoreInQueue:** I will use a Queue to keep the last three elements if is full, dequeue the first.

**Colors:**

In coolors.com <https://coolors.co/403f4c-2c2b3c-1b2432-121420-b76d68> this is the template I will use for this page, I preferred a dark mode because being all day in front of a computer is tired.

**Typography**

* Montserrat
* Oswald

**Data Sources:**

External API: <https://rapidapi.com/alphavantage/api/alpha-vantage/>

LocalStorage: Stores the last three elements that were visited

Local JSON: This manages the names of the stocks, currencies, and cryptocurrencies.

**Module List:**

My modules will be:

* main.js, principal module
* utils.js, which will contain utilities to get data, calculate trends and other aspects
* detail.js. It’s for the page details
* stock-listing.js, is to list stocks
* currency-listing.js is to list currencies
* cryptocurrency-listing.js is to list cryptocurrencies
* Graph.js: This manages table and chart displays.

**Schedule**

**Fifth Week**

* I will make the pages for index.html (Home) and listing elements.
* make the css file for mobile and desktop
* create the first function and utils called **getData and renderItems**

**Sixth Week**

* I will create the details page
* I will create getSpecificElement function for the page.

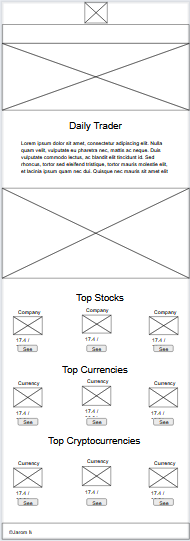
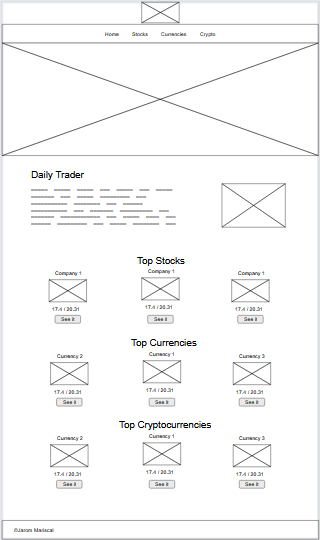
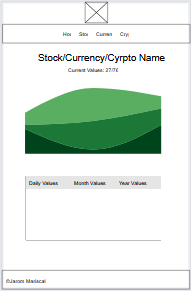
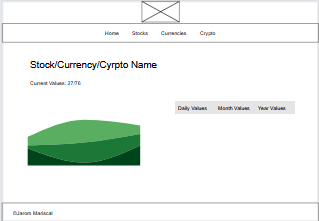
**Seventh Week**

* I will create the chart and tables
* I will create the animation for displaying charts and tables

**Trello Board**

**https://trello.com/b/8VVomOVr/dailytrader**

**Wireframes(Home and Detail Pages)**

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