Hi Everyone,

This App is built using VueJs, Vue Router, Materialize CSS, Material Icons, Axios, and Highcharts, Lodash, and MCAP Theme colors provided in the Assessment Details.

The structure of the app is a bit interesting, first, you are greeted with a welcome page and then you can quickly navigate to the Stocks History section where the graph for stocks is.

# Project Setup and Steps to Follow after unzipping the file and then:

**Navigate to the folder**

* cd stock-symbol-app

**and then**

* npm install

**once the previous script is successful, run**

* npm run serve

**and the app should start. Once this script is successful,**

**Navigate to**

* [*http://localhost:8080/#/login*](http://localhost:8080/#/login)***OR***[*http://localhost:8080/*](http://localhost:8080/)

The UserName is "Admin" and the password is "password". P.S. I would never use this as a password for my accounts, haha! This was just for convenience.

This should take you to the app.

The Stock History Graph loads ***MSFT*** details by default. However, you can type in any other symbol and it should pull up the data.

As mentioned in the criteria,

It:

1. has a Login Page
2. uses Vue Router
3. uses Axios
4. took about 16-18 hours to Learn Vue, Materialize CSS, Highcharts, and implement it for this assessment.
5. has images hosted on external CDN.
6. forms are accessible
7. has a spinner that shows progress and error messages has well.
8. Handles invalid stock symbols and any other errors.
9. is fully responsive on any device – including Tablets, Phones and Laptops/Monitors
10. uses MCAP Color Palette.

If you get the API KEY error, then please navigate to the src -> components -> stock-history-graph-component.js and change the variable ***apiKey***’s value with a new API Key and the graphs will work fine after that.

Also, you might see that once you login, the Top Navigation Bar will show more buttons, including the Logout button. When you click Logout, you will be brought back to the Login Page and the navigation buttons will be hidden again.

The main section of the App i.e. the **Stock History by Symbols** has a form which accepts Stock Symbols and after making an API Call to fetch the history, Highcharts will beautifully render it + it's all of the features.

\*\*\* ***The important thing here is that the Graph shows a Legend at the bottom and you can hide/show or toggle the lines/series that you want to see. \*\*\****

For instance, the Volume graph will always be in Millions, as least most of the time, in that case, the other graphs will be really low values will shrink and won't be visible. So, my recommendation would be to click on the Volume button in the Graph Legend and it will hide automatically.

Please let me know if you have any questions or concerns either through email – [pandyarudra9@gmail.com](mailto:pandyarudra9@gmail.com) or give me a call at (647) 571-2792. I’m available anytime you need me.