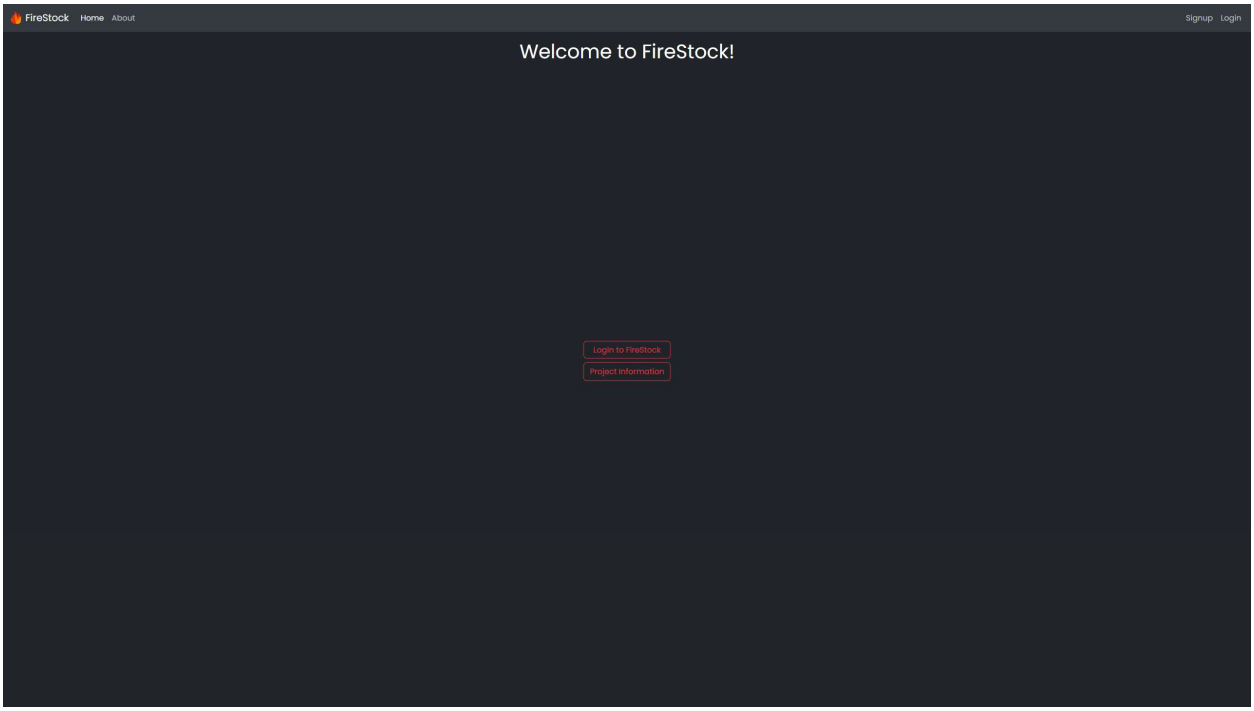
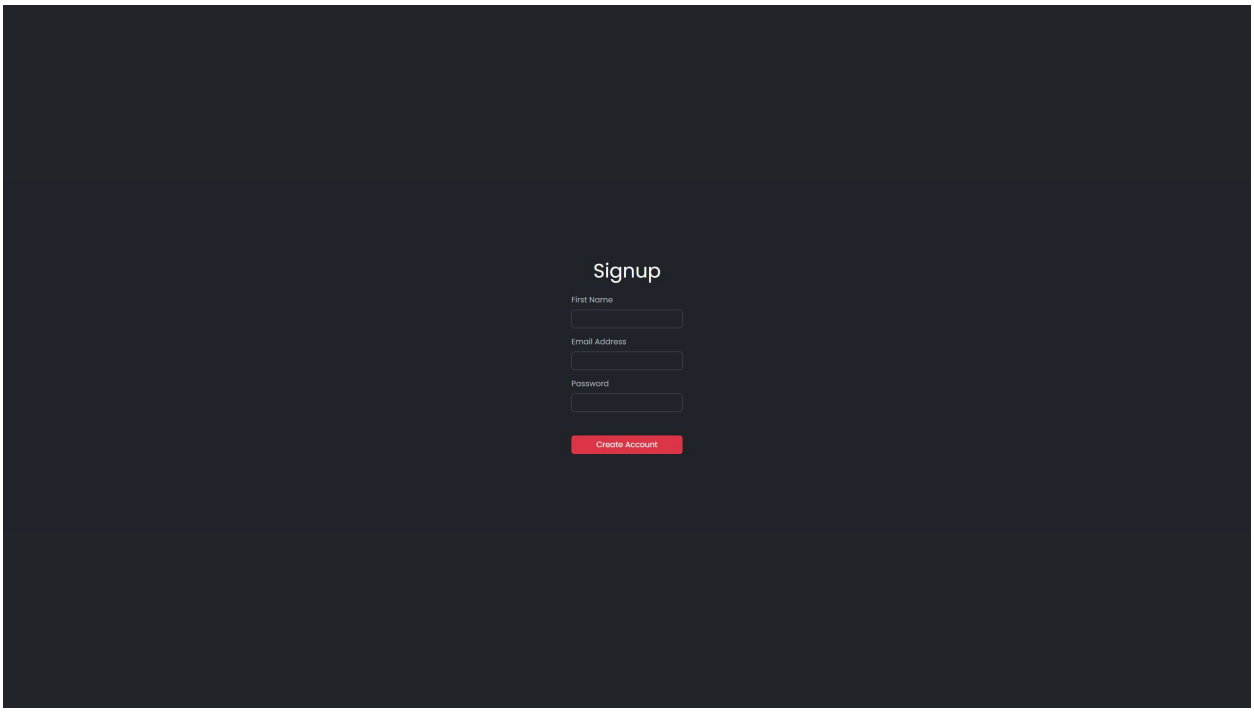
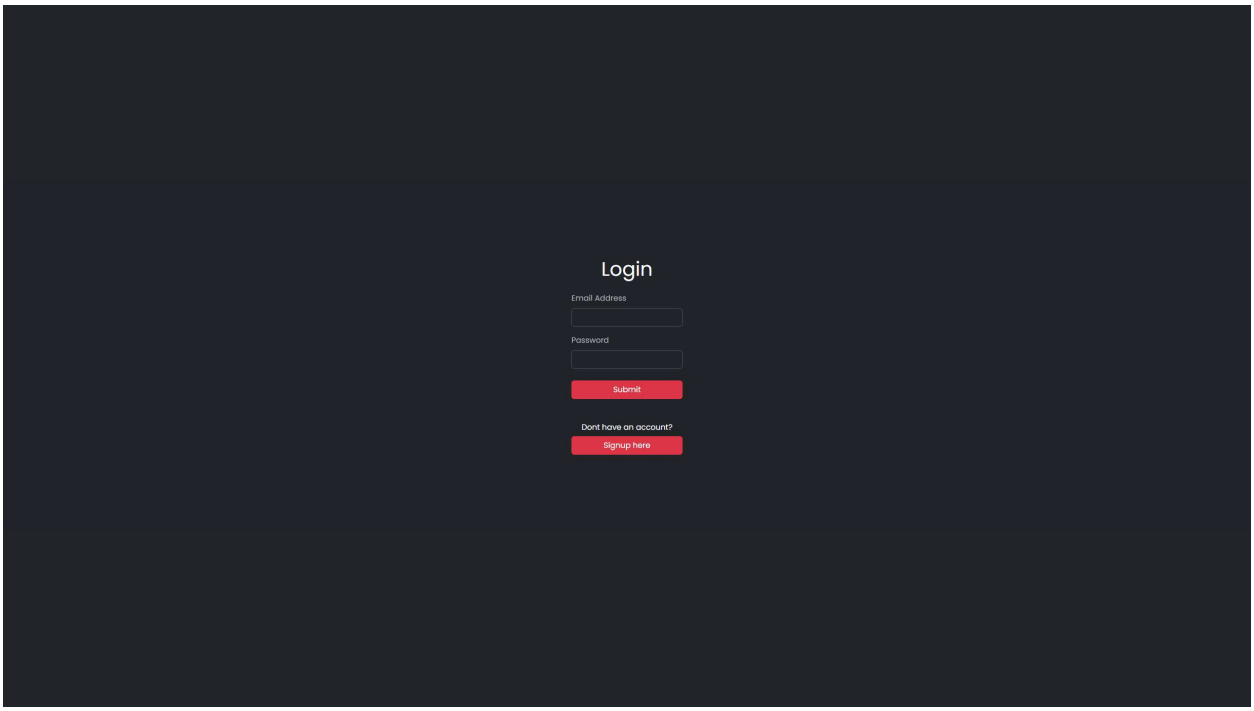
FireStock: A Brief Overview

This web application starts the user on the home screen not logged in. Here, the user can use the two main navigation buttons in the center to either log in or view the project information (the about page). Otherwise, the user can use the signup/login buttons located in the top navbar.

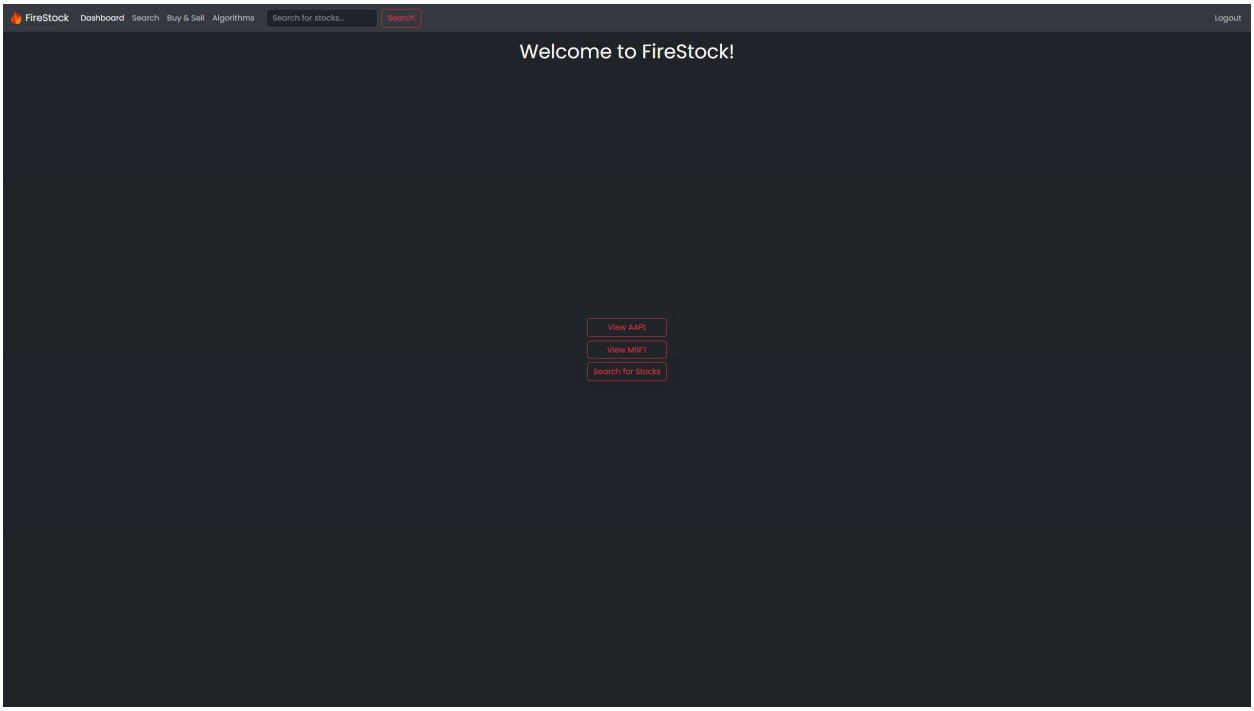


From here, users can either sign up with an account or login if they already have an account.

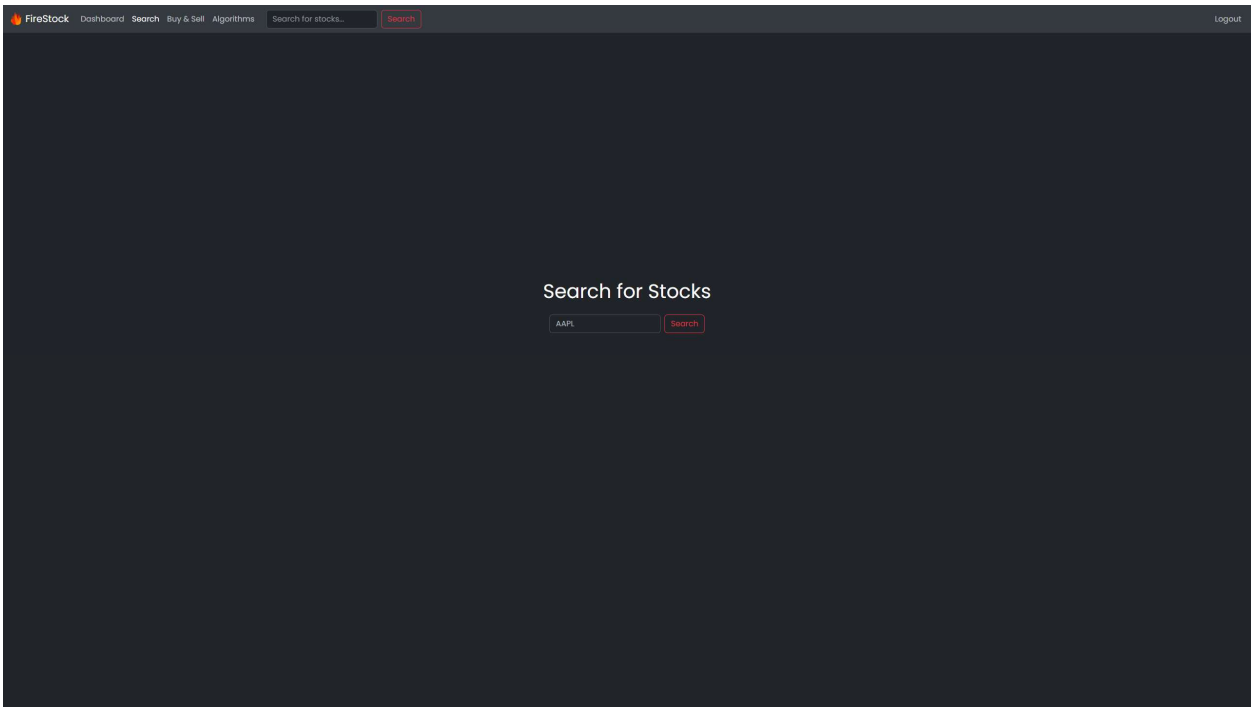


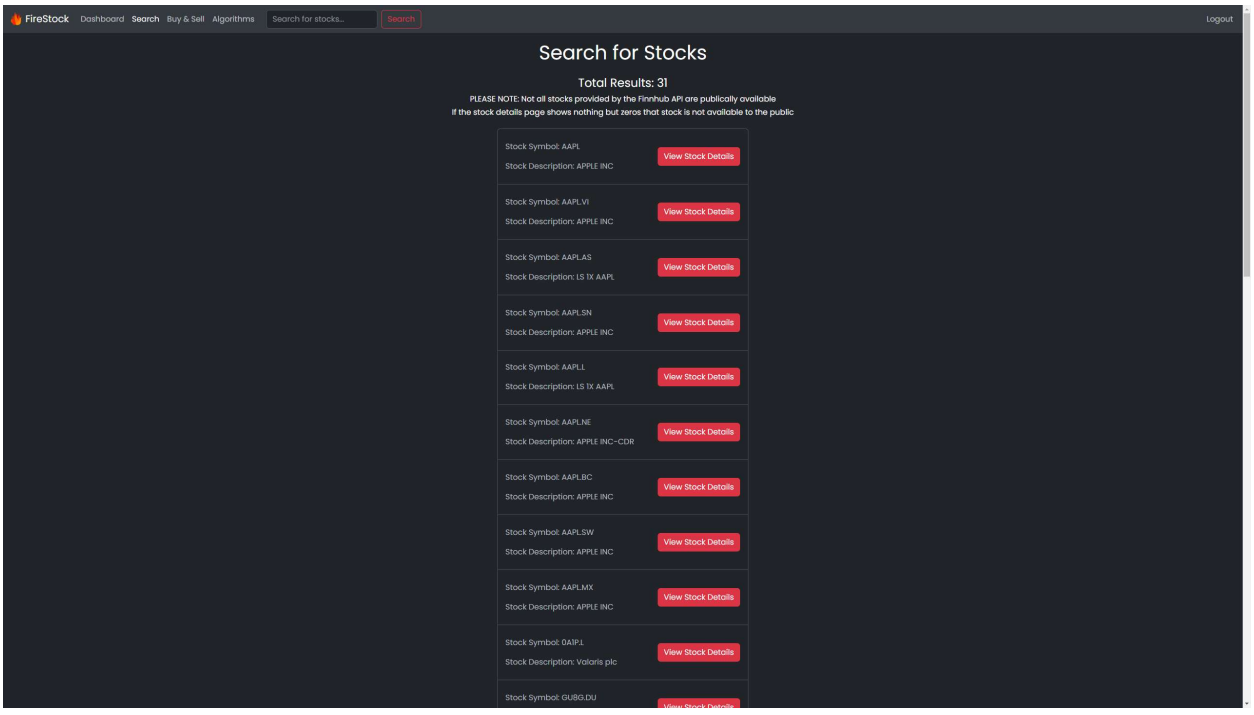


Once the user is logged in, they are met with the main dashboard. Here, users can quickly navigate to some common pages using the navigation buttons in the center (to view two popular stocks or search for stocks) or they can navigate to one of the pages using the nav buttons in the top navbar. One nice feature here is the baked-in search, which allows users to quickly search for stocks without having to go to an additional page.



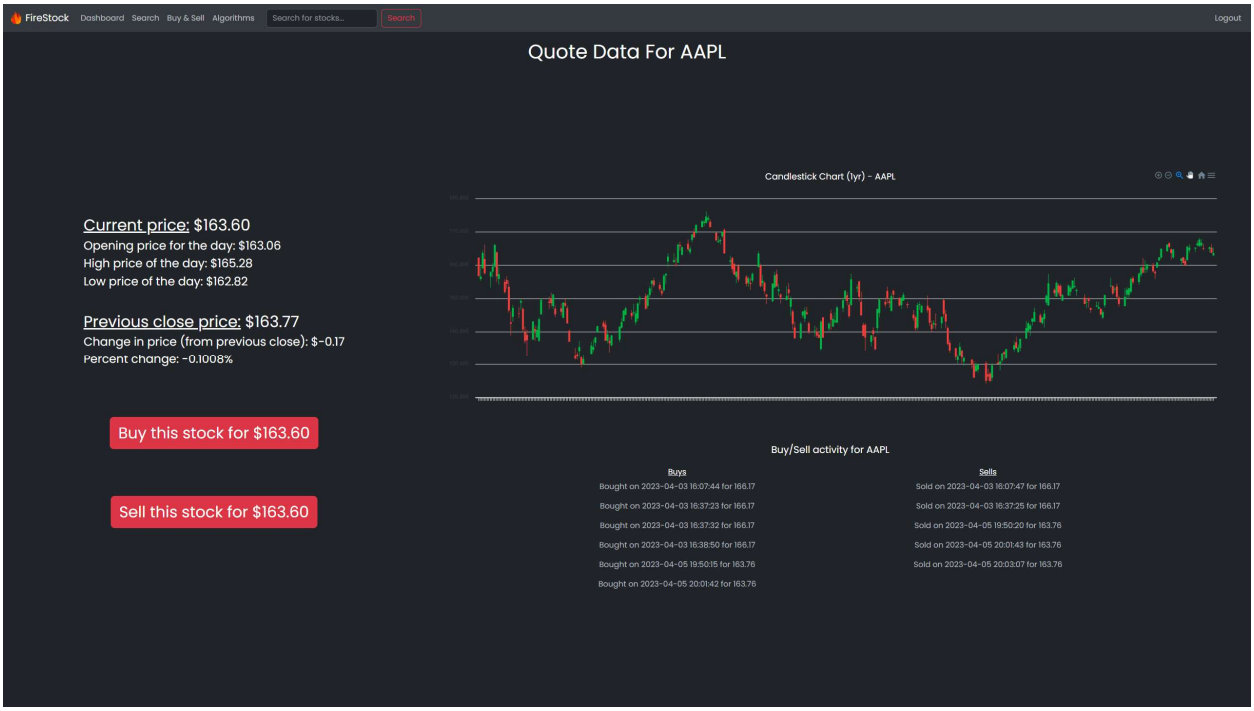
The first page from the dashboard is the search page. If the user doesn't want to use the search bar, they can search for stocks from this page and it will automatically generate a list of all stocks that match their search.



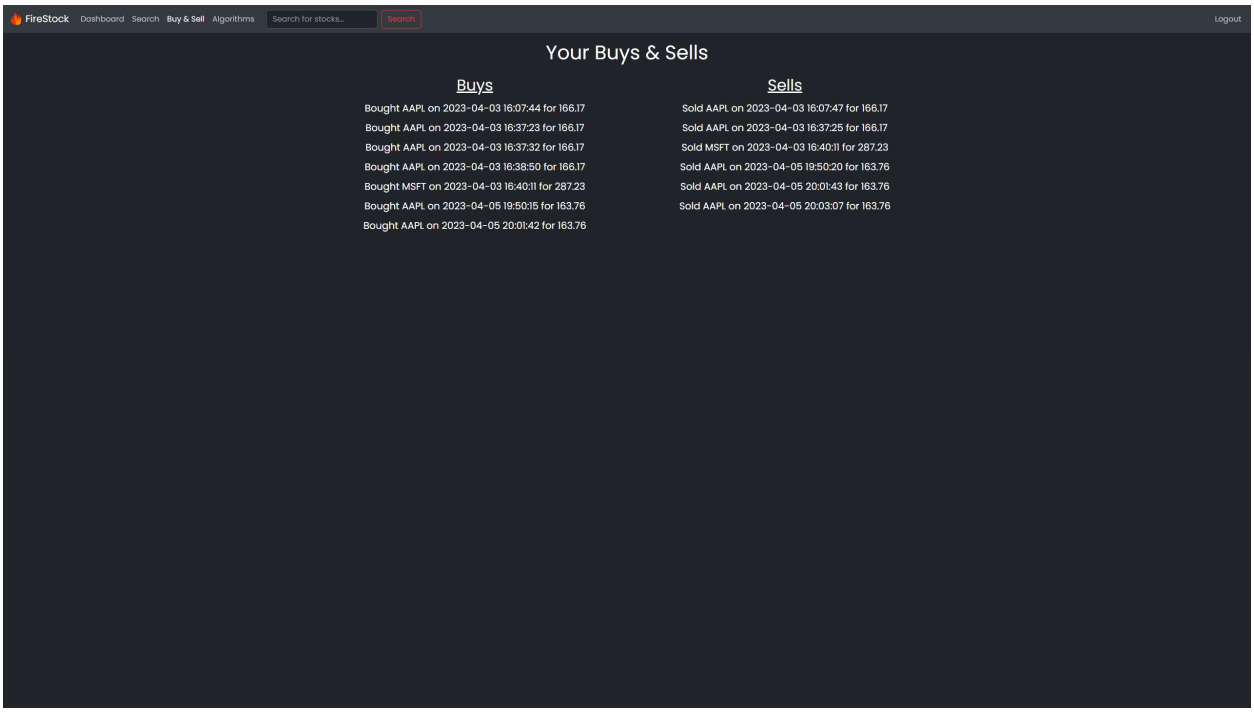


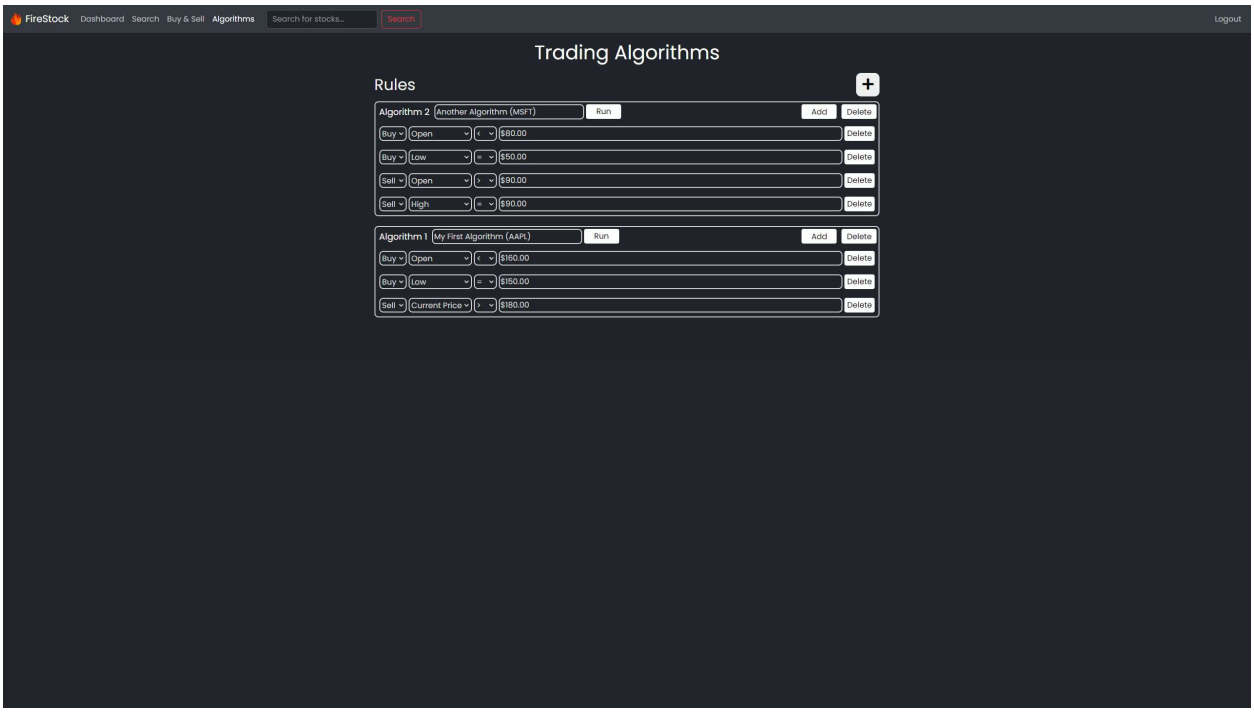
From this search page, users can then click the “View Stock Details” button to go to the stock’s overview page. Here, the user is presented with the bulk of the stock’s information, like its pricing data for the current and previous days, a candlestick chart showing 1 year of pricing history, buttons to allow them to buy or sell the stock at its current price, and a history of when the stock was bought/sold.

On this page, users can interact with the candlestick graph to get more a more specific history in a specified time window.



If a user wants to see an overall history of their buys and sells, they can navigate to the "Buy & Sell" page. This page shows the user all of their buys and sells along with all the relevant information – what stock was bought or sold, when it was bought or sold, and how much it was bought or sold for.



Finally, users can navigate to the “Algorithms” page to get to the most verbose feature of the platform, the stock trading algorithm generator. This page allows users to quickly and easily create simple trading algorithms that follow sets of rules to buy and sell stocks when a conditional is met. Users can chain these rules together to automate their buying and selling process to work exactly how they want to.

If we had more time to work on further ideations of this product, we would expand this page significantly to allow for more complex sets of rules while still keeping the building process as simple as possible.