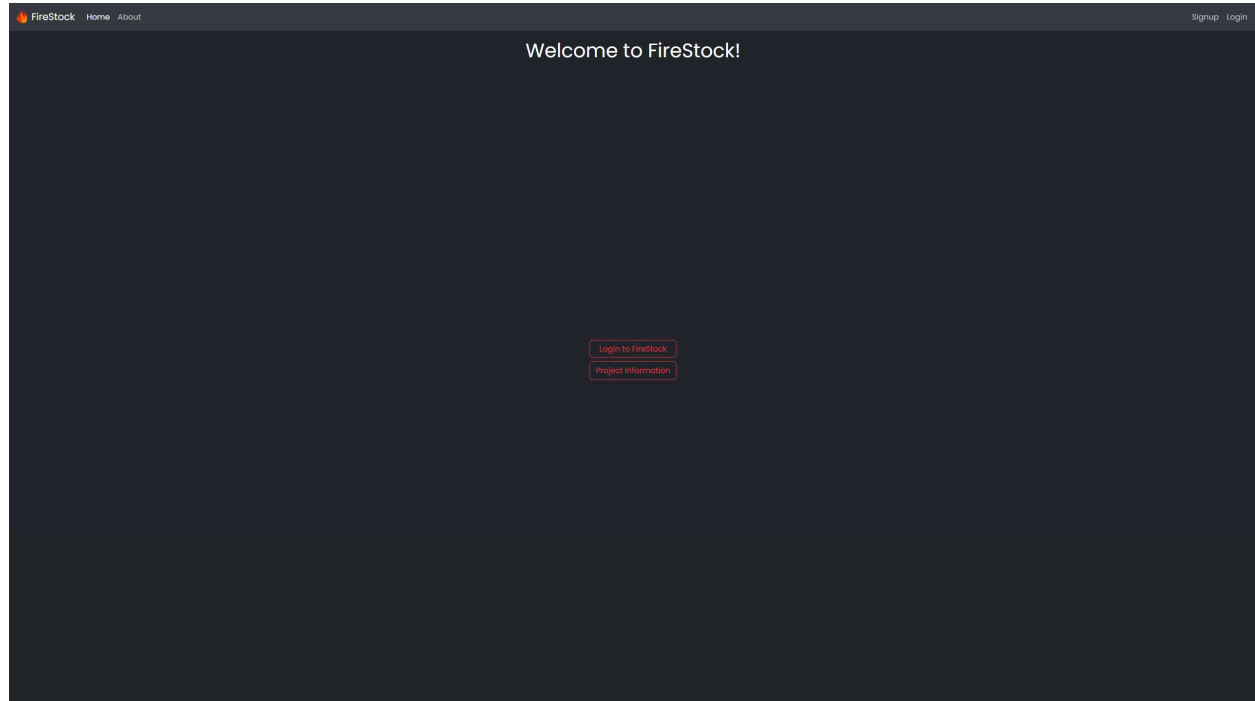
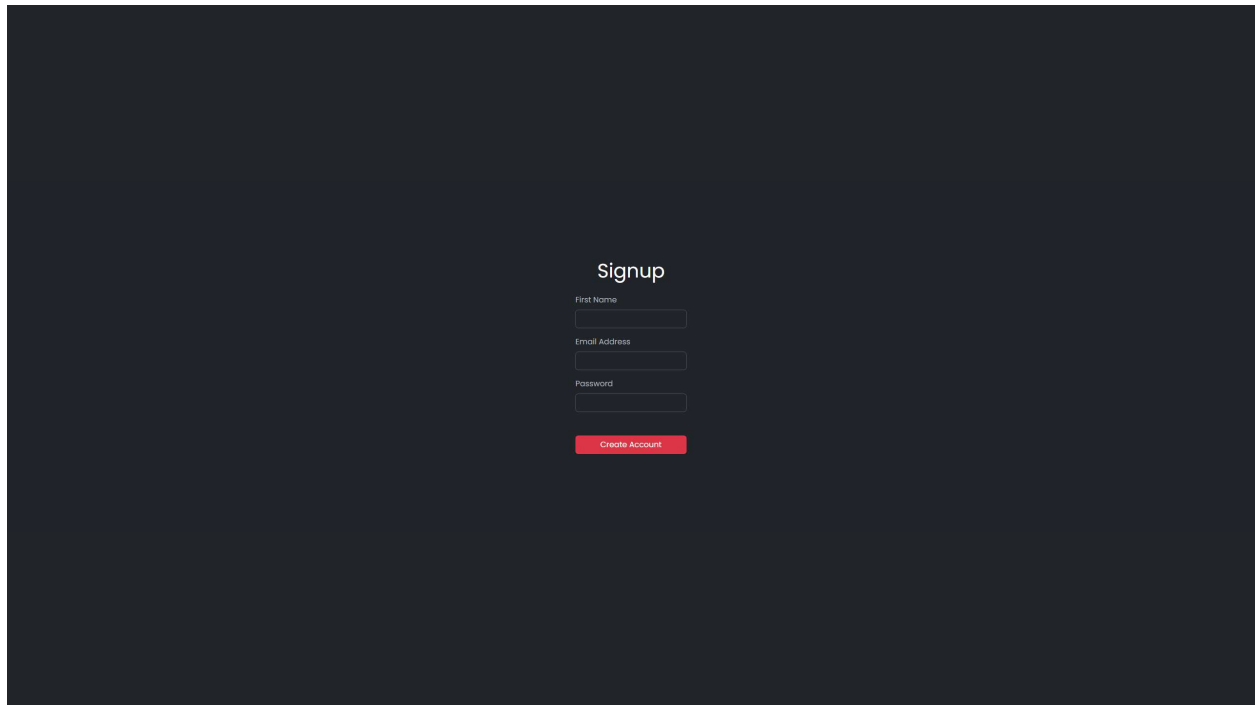


FireStock: A Brief Overview

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.



A dark-themed signup form with the title "Signup" centered at the top. Below the title are three input fields labeled "First Name", "Email Address", and "Password". At the bottom of the form is a red button labeled "Create Account".

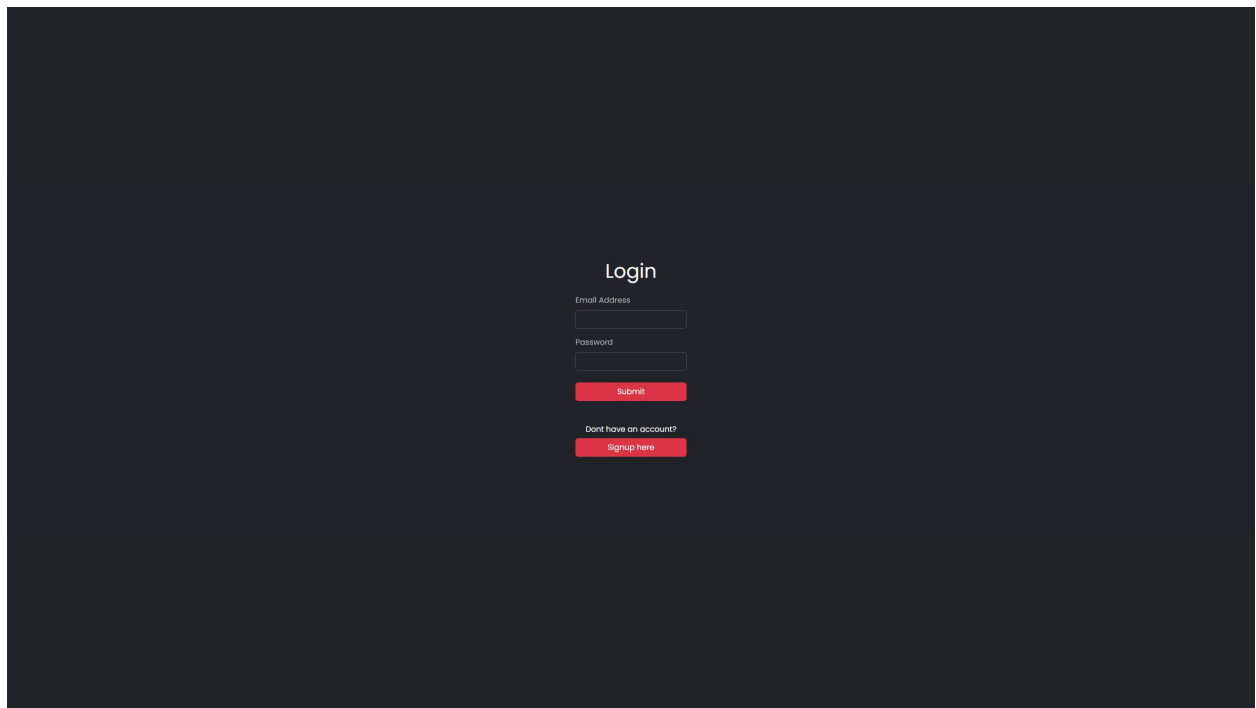
Signup

First Name

Email Address

Password

Create Account



A dark-themed login form with the title "Login" centered at the top. Below the title are two input fields labeled "Email Address" and "Password". At the bottom of the form is a red button labeled "Submit". Below the "Submit" button is a link labeled "Don't have an account?" with a red button labeled "Signup here" below it.

Login

Email Address

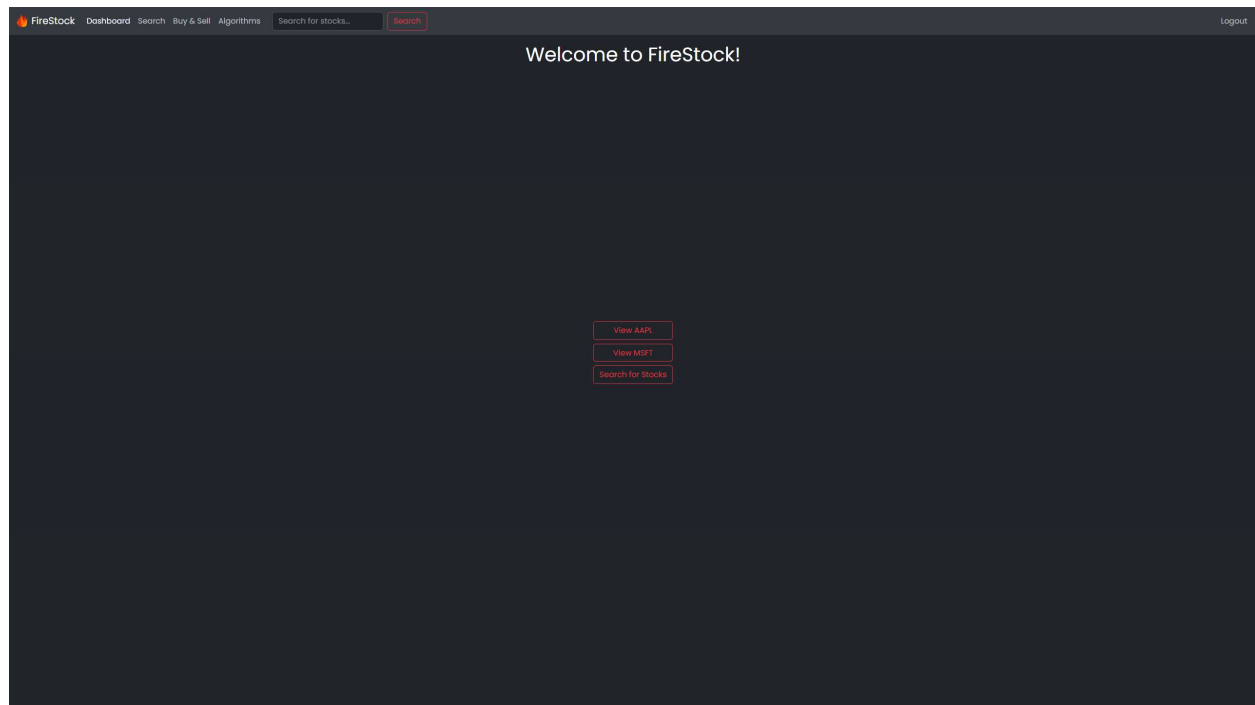
Password

Submit

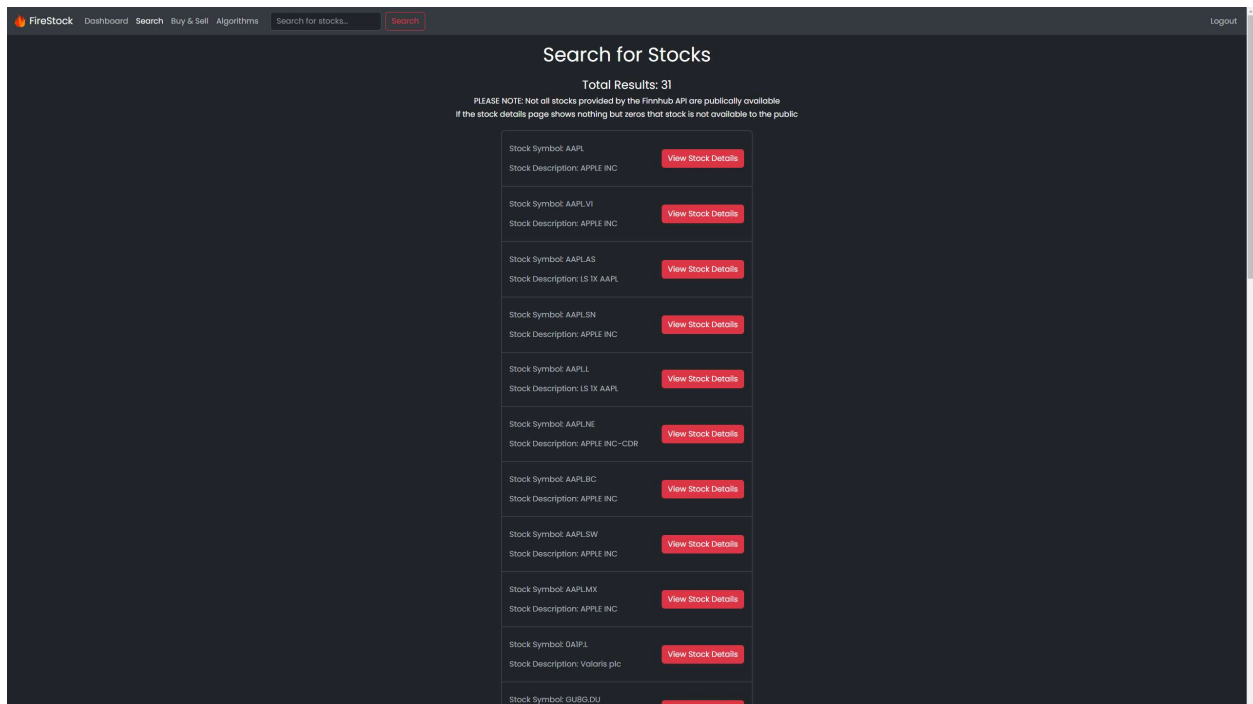
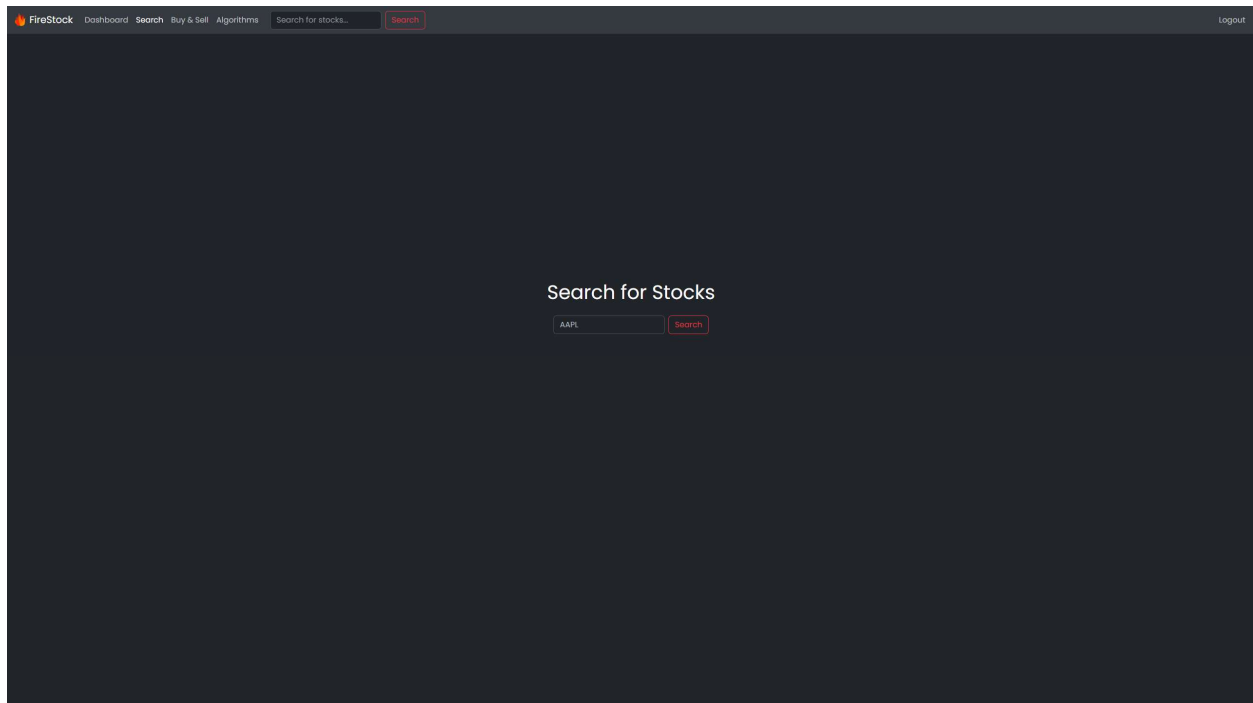
Don't have an account?

Signup here

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.

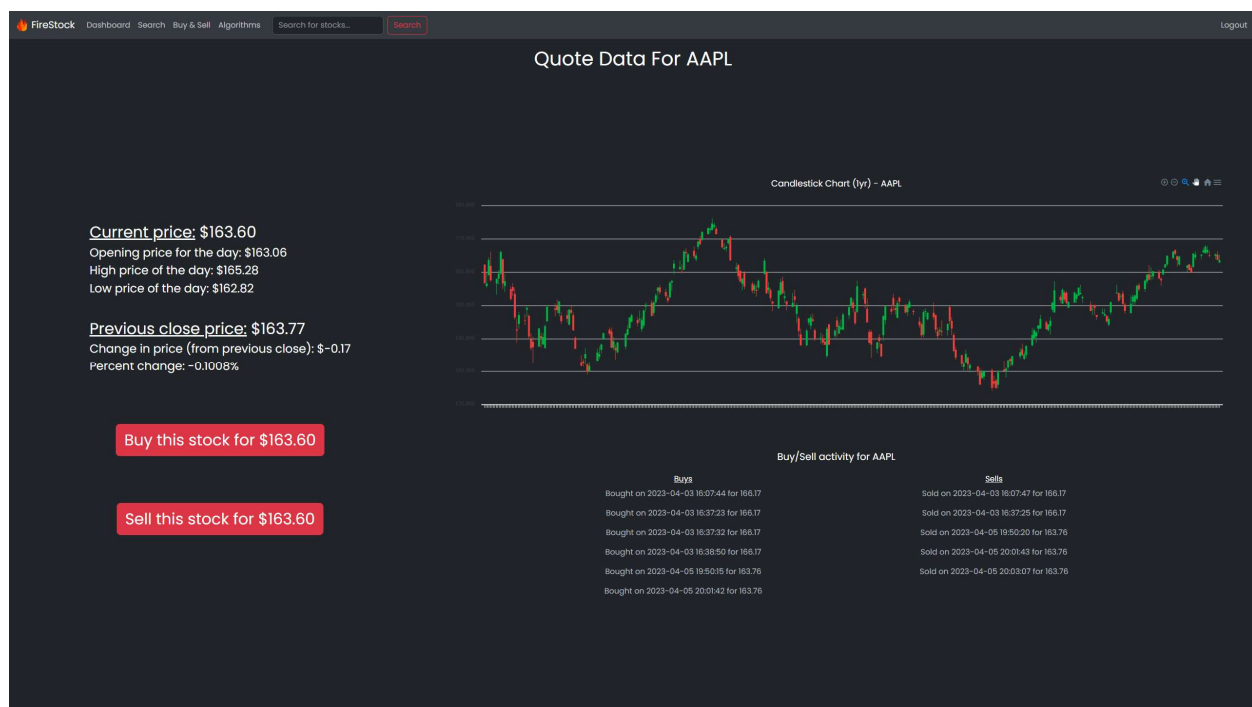


The first page from the dashboard is the search page. If the user doesn't want to use the search bar, they can search for stocks from this page and it will automatically generate a list of all stocks that match their search.



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.

FireStock		Dashboard	Search	Buy & Sell	Algorithms	Search for stocks...	Search	Logout
Your Buys & Sells								
<u>Buys</u>				<u>Sells</u>				
Bought AAPL on 2023-04-03 16:07:44 for 166.17				Sold AAPL on 2023-04-03 16:07:47 for 166.17				
Bought AAPL on 2023-04-03 16:37:23 for 166.17				Sold AAPL on 2023-04-03 16:37:25 for 166.17				
Bought AAPL on 2023-04-03 16:37:32 for 166.17				Sold MSFT on 2023-04-03 16:40:11 for 287.23				
Bought AAPL on 2023-04-03 16:38:50 for 166.17				Sold AAPL on 2023-04-05 19:50:20 for 163.76				
Bought MSFT on 2023-04-03 16:40:11 for 287.23				Sold AAPL on 2023-04-05 20:01:43 for 163.76				
Bought AAPL on 2023-04-05 19:50:15 for 163.76				Sold AAPL on 2023-04-05 20:03:07 for 163.76				
Bought AAPL on 2023-04-05 20:01:42 for 163.76								

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.

The screenshot displays the 'Trading Algorithms' interface within the FireStock application. The top navigation bar includes 'FireStock', 'Dashboard', 'Search', 'Buy & Sell', 'Algorithms', and a 'Logout' link. A search bar for stocks is also present. The main heading is 'Trading Algorithms', accompanied by a '+' icon for adding new rules. Below this, the 'Rules' section contains two algorithm configurations:

- Algorithm 2 (Another Algorithm (MSFT))**: Includes a 'Run' button, 'Add', and 'Delete' options. It lists four rules:
 - Buy → Open → € → \$50.00 (Delete)
 - Buy → Low → € → \$50.00 (Delete)
 - Sell → Open → € → \$90.00 (Delete)
 - Sell → High → € → \$90.00 (Delete)
- Algorithm 1 (My First Algorithm (AAPL))**: Includes a 'Run' button, 'Add', and 'Delete' options. It lists three rules:
 - Buy → Open → € → \$100.00 (Delete)
 - Buy → Low → € → \$150.00 (Delete)
 - Sell → Current Price → € → \$180.00 (Delete)