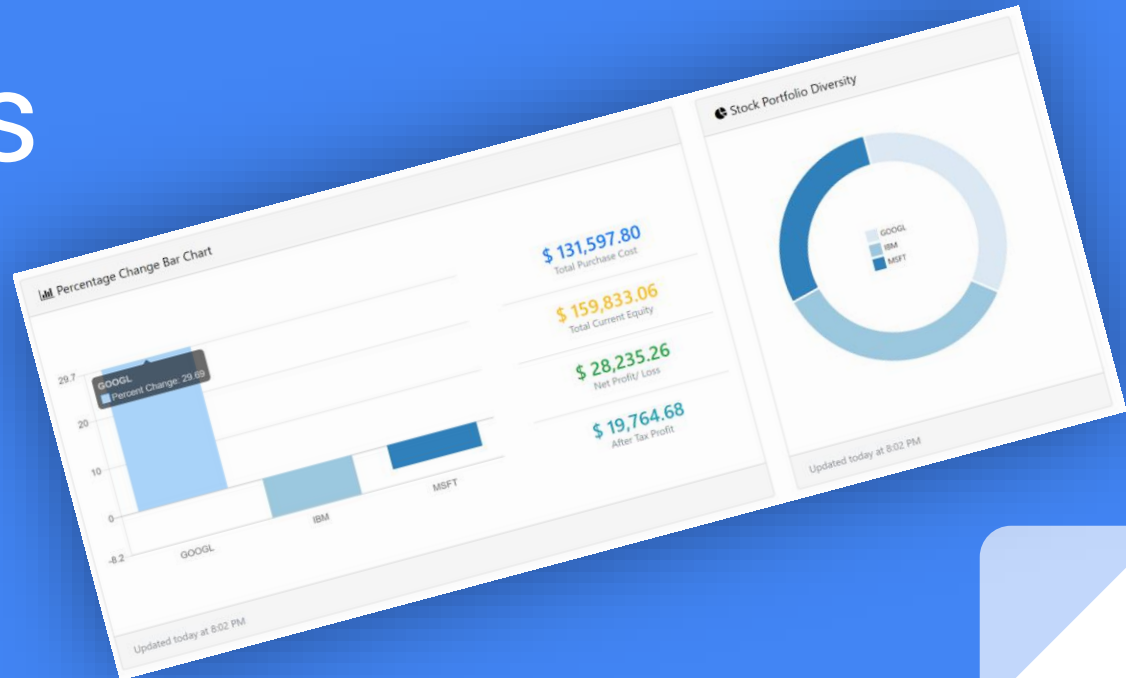# Stockalytics

Derek Brown, Alyssa Drohan, Daniel Gaisberger, Horatio Hodge, Jarrett Horton, Isaiah Johnson, Russell Quao, Isaac Silvious
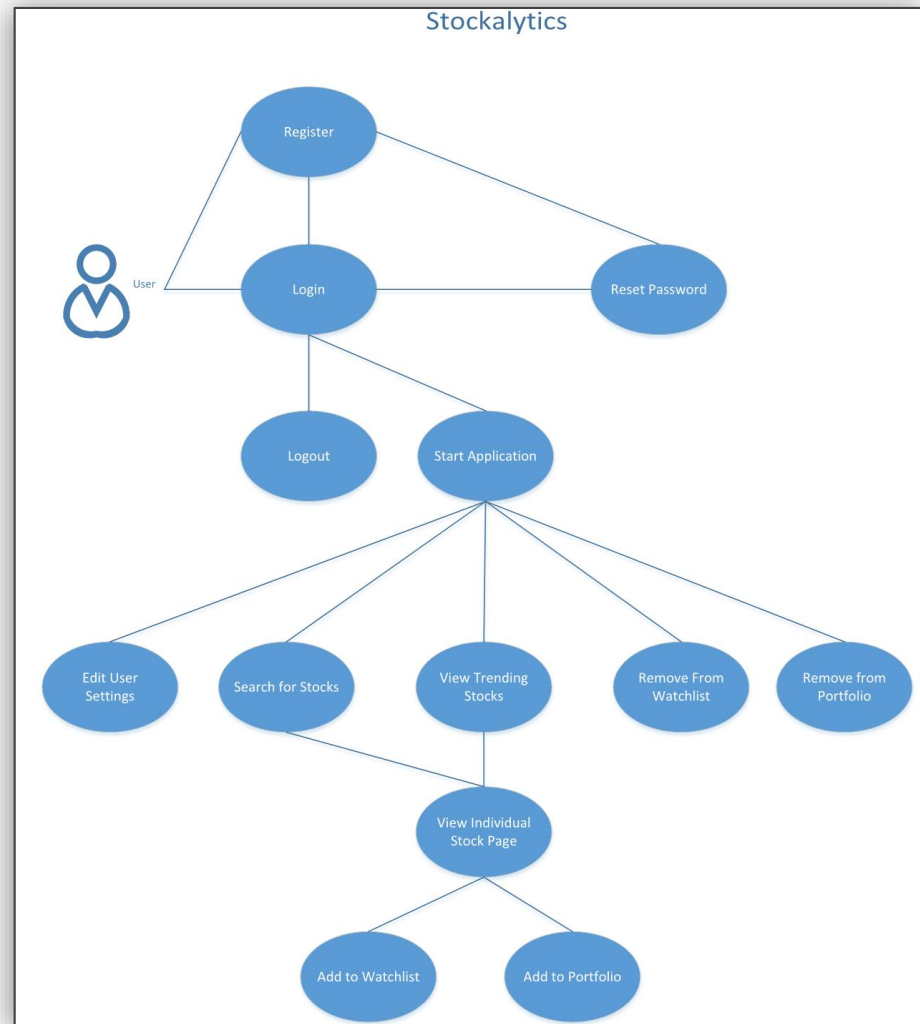
Objective

We were tasked with creating an user friendly application. Our objective was to create a comprehensive stock application. Our goal as a team was to make an application that uses data visualization tools to help users manage their stocks.
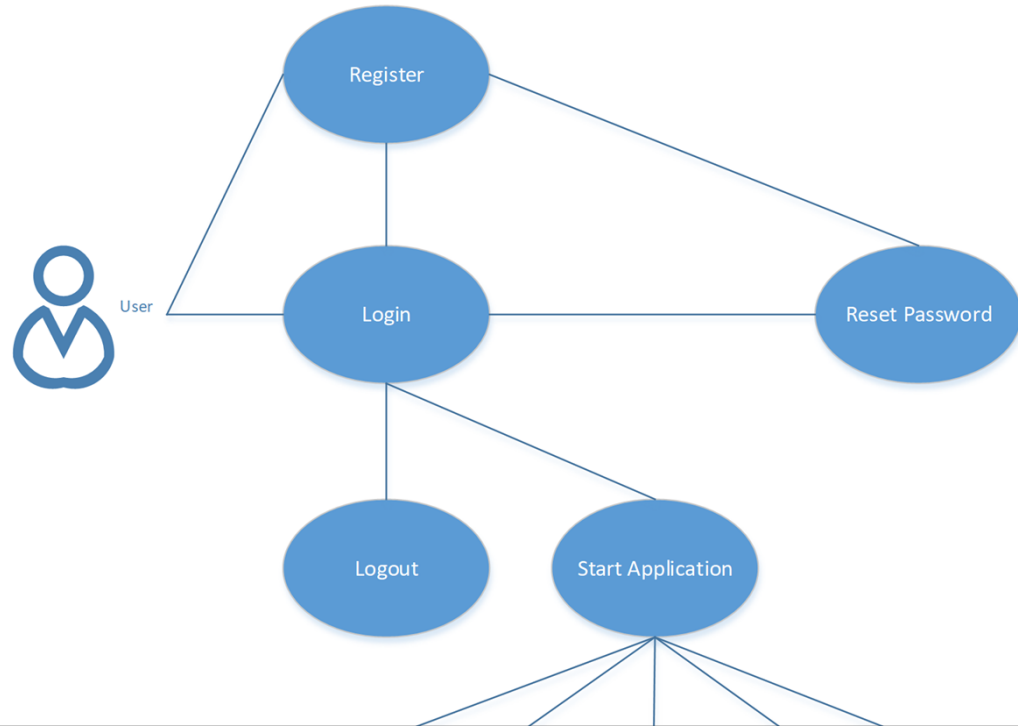
Summary

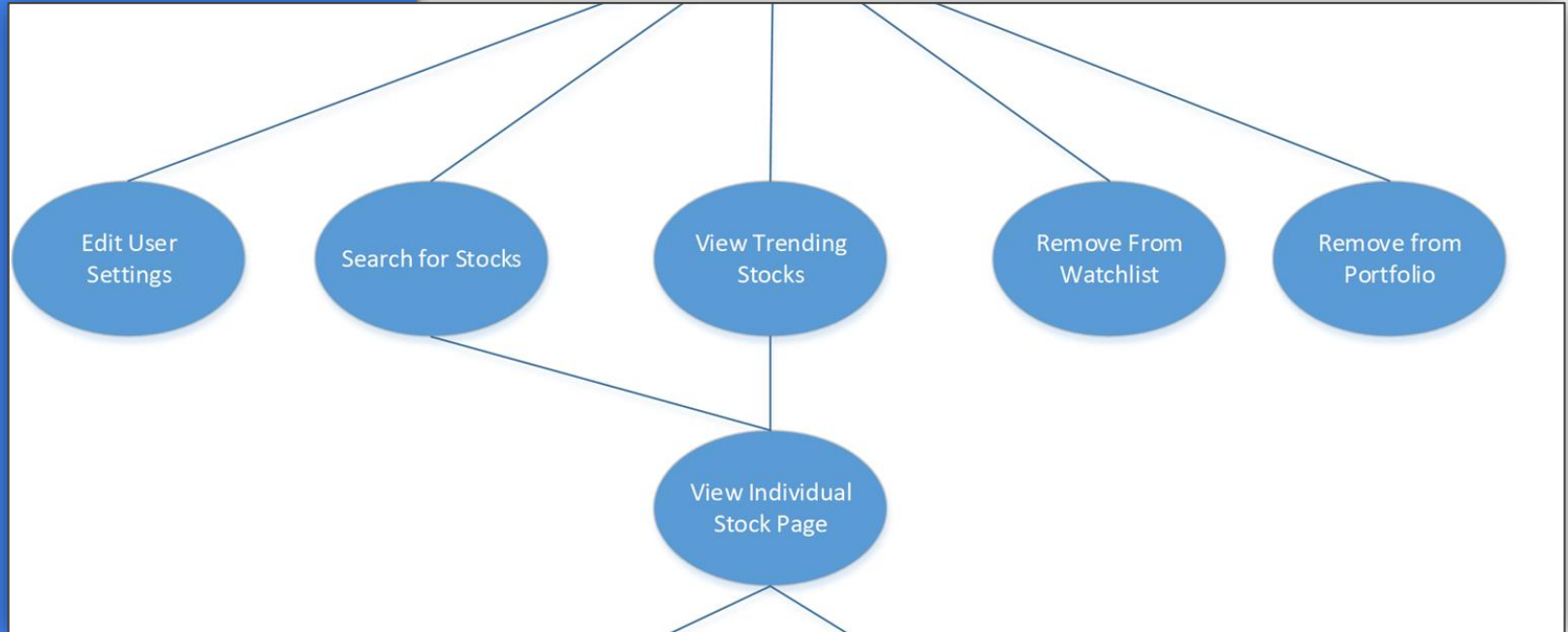Stockalytics is a web-app that lets users track, manage, and add stocks to their portfolio in an easy to use manner.
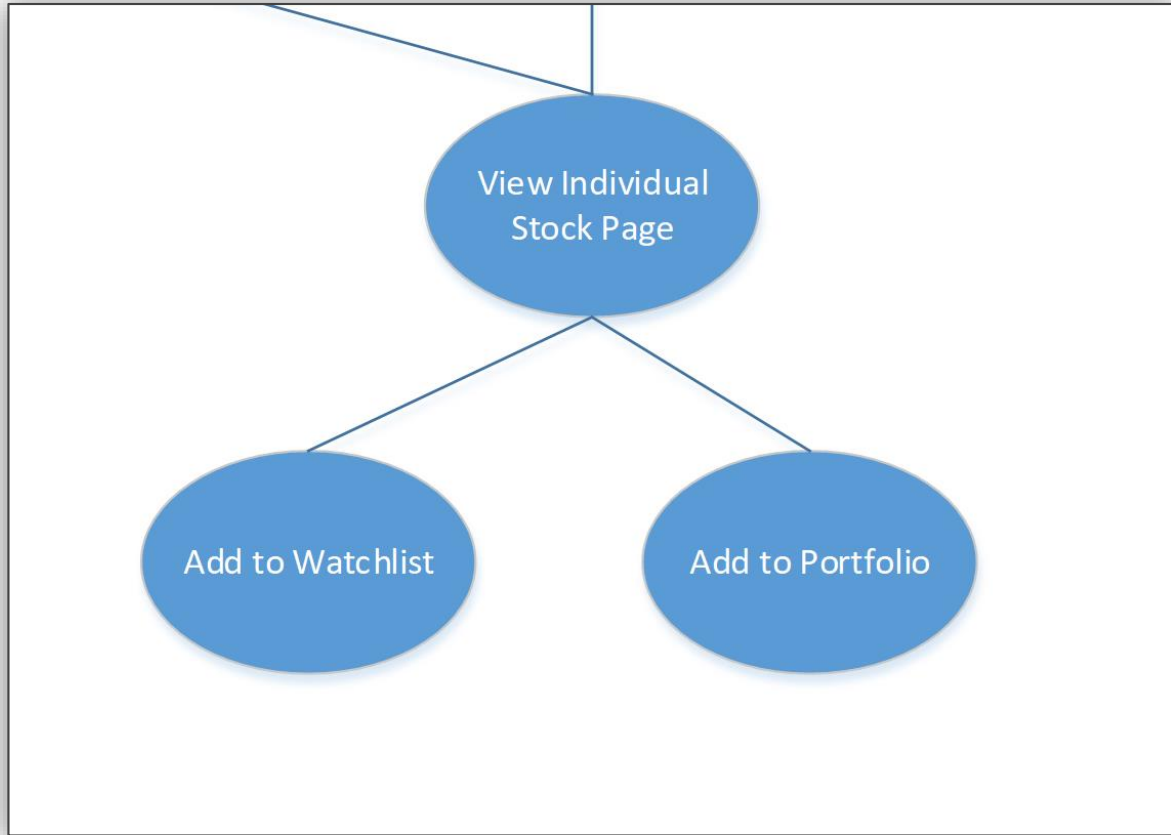
Overview of Use Case

Use Case: Start

Use Case: Dashboard
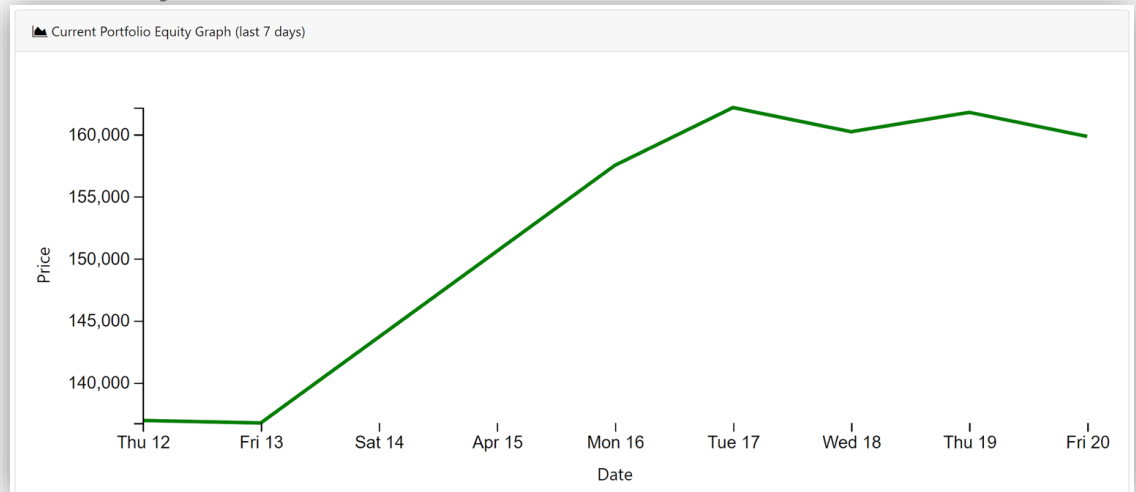
Use Case: Individual Stock Page

My Portfolio

The portfolio table is a table which lists all the users current stocks in their portfolio. In addition, information such as the date the stock was purchased, the current stock price, quantity, and more are available on the table for the benefit of the user.

My Portfolio

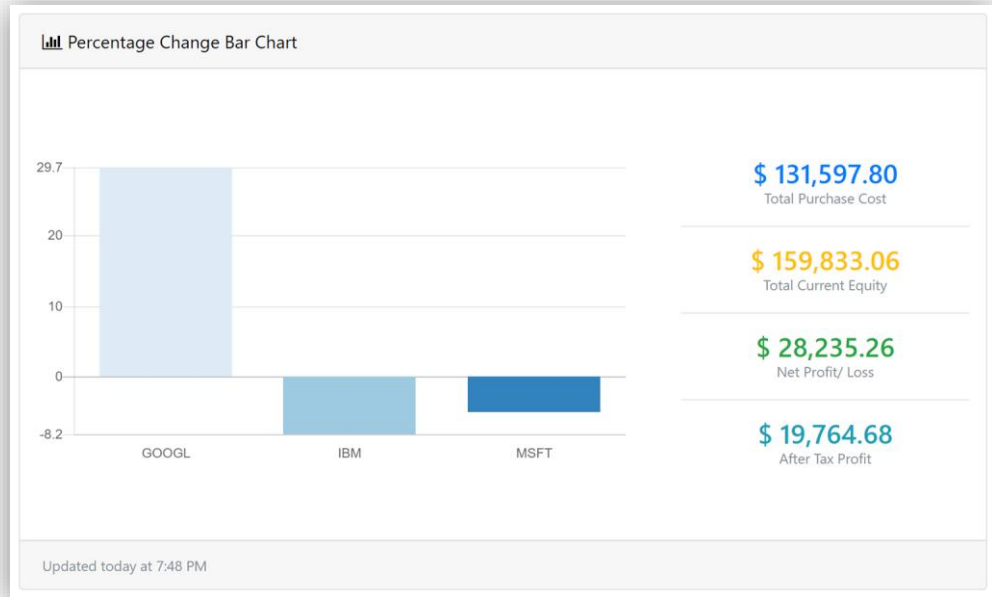| Stock	Date Purchased	Purchase Price	Current Price	Quantity	Purchase Cost	Current Equity	Net Profit/ Loss	After Tax Profit	Current Percent Change	Delete?
GOOGL	2018-03-25	$ 830.71	$ 1,077.32	123	$ 102,177.33	$ 132,510.36	$ 30,333.03	$ 21,233.12	▲ 29.69%	Delete
IBM	2018-04-16	$ 157.89	$ 144.90	123	$ 19,420.47	$ 17,822.70	$ -1,597.77	$ -1,118.44	▼ -8.23%	Delete
MSFT	2018-03-18	$ 100.00	$ 95.00	100	$ 10,000.00	$ 9,500.00	$ -500.00	$ -350.00	▼ -5.00%	Delete

Current Portfolio Equity Graph

This interactive graph shows the current equity for the stocks the user purchases within the last seven days.
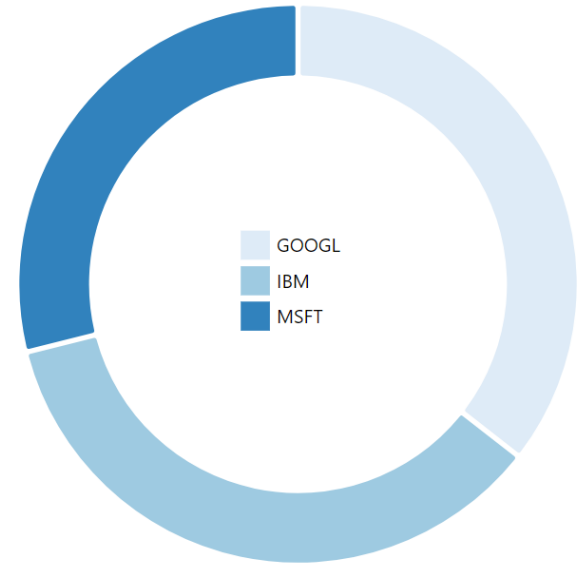
Percentage Change Bar Chart

Like the Portfolio Equity Graph, the Percentage Change Bar Chart shows the total purchased cost, total current equity, net profit/ loss, and after tax in a intuitive bar graph.

Stock Portfolio Diversity

This section of the dashboard shows the number of different stocks that are in their portfolio. The graph features an on hover function that displays that specific stock and the quantity the user has in relation to the whole portfolio.

Stock Portfolio Diversity

GOOGL
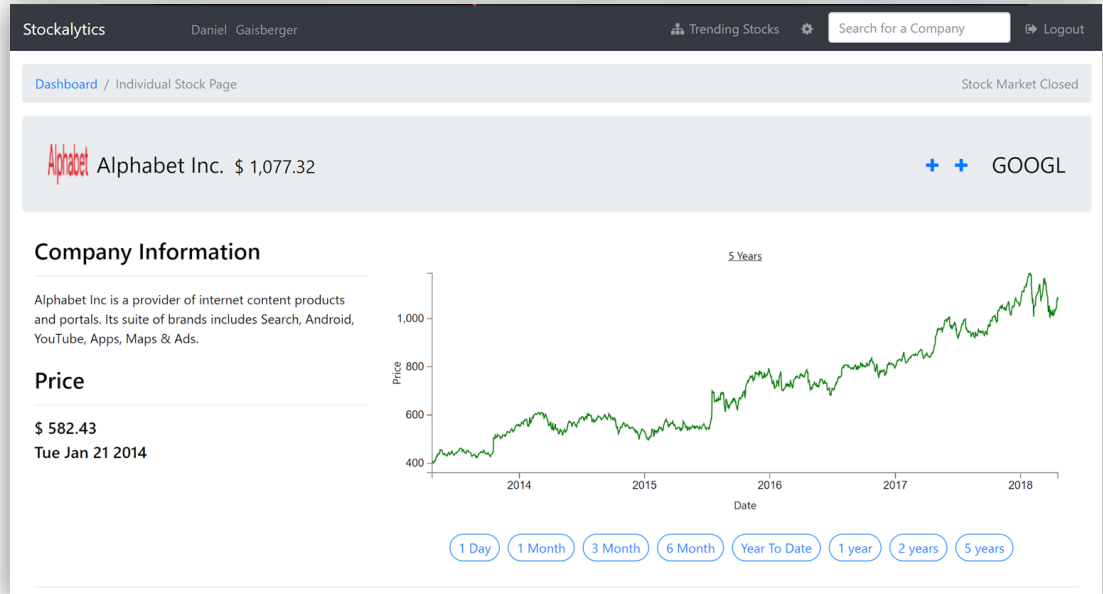IBM
MSFT

Updated today at 7:48 PM

My Watchlist

This table displays all the stocks that are on the users watchlist. The watchlist gives the user a quick overview and reference to stocks that the user potentially wants to purchase.

My Watchlist

Stock	Current Price	3M Percent	6M Percent	1Y Percent	Delete?
AAPL	$ 165.72	▼ -5.99%	▲ 6.93%	▲ 17.20%	Delete
EBAY	$ 42.20	▲ 6.62%	▲ 14.58%	▲ 31.67%	Delete

Company information

Our application displays information about the respective company such as their name, a brief summary, current stock price and price history, news articles, and related company prices.

Stats

The Stats section contains information on the companies highs and lows, dividend rates, their latest Earning Per Share, debt, and gross profit.

Stats

- Week 52 High: $ 1,198.00
- Week 52 Low: $ 857.73
- Dividend Rate: 0
- Latest EPS: 18.01
- Gross Profit: $ 65,272,000,000.00
- Debt: $ 0.00

News

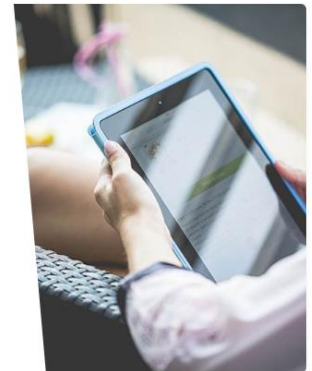This section displays recent news regarding that respective company on New York Stock Exchange.

News

Upcoming Earnings: Alphabet Reports After The Close Monday

Read More

Oppenheimer sees stocks showing 'remarkable resilience,' boosted by blockbuster earnings

Read More

Peers

Peers are group of individuals or entities that share similar characteristics and interests.

Peers

Symbol	Price	6m%	1y%
GOOGL	$ 1,077.32	▲ 14.31%	▼ -2.91%
MSFT	$ 95.00	▲ 48.08%	▲ 21.72%
AKAM	$ 71.30	▲ 16.14%	▲ 38.55%
ADBE	$ 225.24	▲ 69.49%	▲ 30.83%
AAPL	$ 165.72	▲ 17.20%	▲ 6.93%
EBAY	$ 42.20	▲ 31.67%	▲ 14.58%
BIDU	$ 232.50	▲ 29.15%	▼ -12.64%
IAC	$ 161.80	▲ 104.45%	▲ 30.83%
YNDX	$ 33.72	▲ 44.66%	▲ 8.22%
FB	$ 166.28	▲ 14.31%	▼ -2.91%
BCOR	$ 26.75	▲ 50.70%	▲ 6.57%
XLK	$ 66.21	▲ 26.08%	▲ 9.11%

Resetting Account Credentials

In our Settings Page, the user has the option of resetting their login credentials.

User Info

In addition, the user can also edit their first name, last name and phone number in the boxes provided.

First name

Last name

Phone Number

0123456789

Currency USD ▼

Submit

Demo

http://www.stockapp.jarretthorton.com