MockStock

The Buffs of Wall Street

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Project Tracker

Name- **Jira**

Purpose- to distribute work and plan out our project

Rating- 3 stars - We planned on using this software but down the line we used it less and less
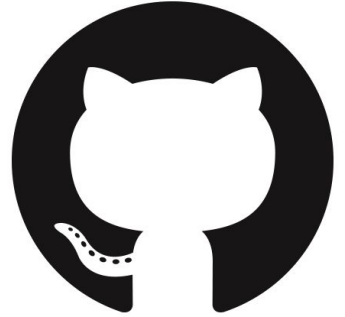
Methodology- Agile

Repository

Name- **Github**

Purpose- To store our work in a shared environment that we can all edit and access

Rating- 5 stars - We could all collaborate effectively and store our code reliably
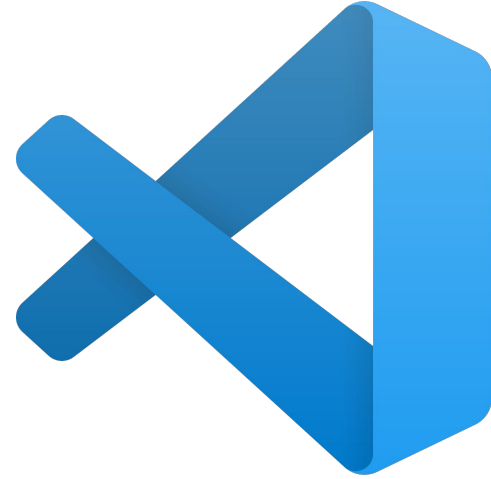
IDE

Name- **Visual Studio Code and Sublime**

Purpose- To actually write our code

Rating- 5 stars - This IDE did exactly what we needed and has many helpful add-ons that are easy to get.
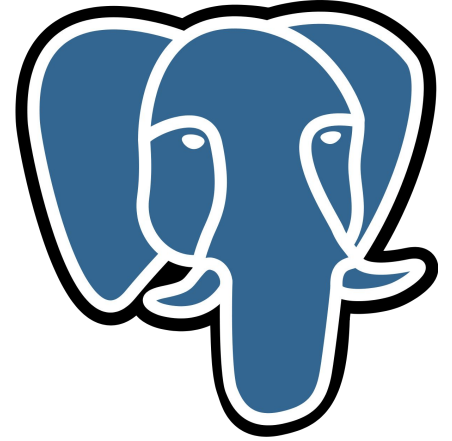
Database

Name- **PostgreSQL**

Purpose- To store data that we can access whenever we need

Rating- 3 stars - We struggled mightily connecting a database to our application but the software itself does exactly what we needed. We just struggled getting it working the way we wanted.

API

Name- **Finnhub**

Purpose- To pull real time stock data for us to use and populate our application with based on user input

Rating- **4 star**s - for our needs this API gave us all we needed but for a larger application it might not work as smoothly (not live stock data, only updated daily)

Framework

Name- **Node.js**

Purpose- open source, cross-platform runtime environment for developing server-side and networking applications.

Rating- 4 stars - great tool for building applications but came be fairly difficult to implement if you're a beginner

Deployment Environment

Name- **Heroku**

Purpose- To host our application

Rating- 5 stars - Heroku provided us an easy way to host our application with many helpful features that were easy to understand and implement

Challenges

- Integrating our Database
- Project Management
- Deployment to Heroku

Demo

MockStock Website