Mock Stocks

Group 4

Project Rubric

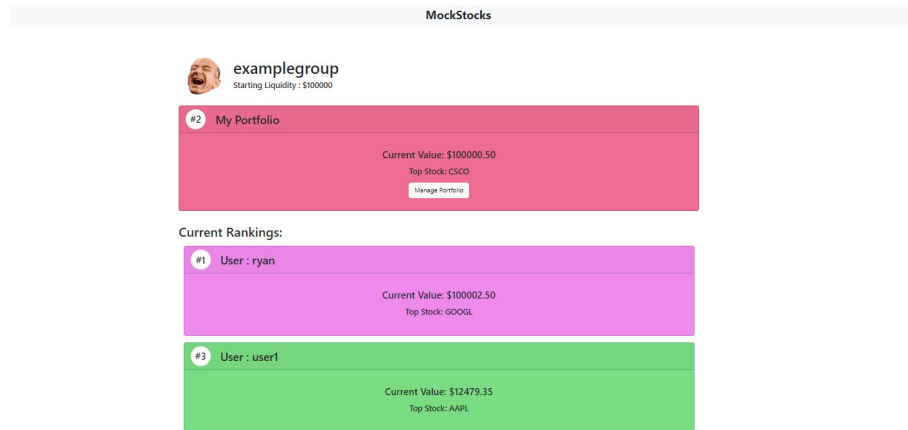| Criteria	Details	Points
Presentation	Member Introductions, Clear Description of App, its purpose, its user base. Good flow of slides with Logical structure of slides. Professionally presented. Well-rehearsed. 10 minutes.	5
Challenges	Describe challenges they faced and how they overcame them.	5
Creativity	How clever, interesting, Is the App idea? How artistic and compelling are the App screens?	5
Architecture diagram	Describe the tools at each layer of the architecture appropriately.	5
Future Scope	Prioritization of the project requirements. What is the potential for growing the App?	5
Technical Details	Software Stack / Development Tools named and rated(Programming languages, tools) Project Management (style, philosophy, collaboration tools, use of PM tools, communications, Regular meetings)	10
Product Demo	Demo: Live? Does the software really work?	15
TOTAL		50

Deliverable

- Create a single PDF for the team
- This submission should be a PDF named ProjectPresentation_[TeamNumber] included in your git repository. This document should be a PDF version of your slides.
- Submit a text file on Canvas with a link to the PDF. Latest due by Apr 29, 11:59 p.m. **No submission on Canvas will result in a 0 for the milestone.**
- This milestone will be graded based on the quality of the content during presentation. You are expected to cover all the requirements listed above. It is advisable that each team invests some time in creating the slide deck and (an hour or so) in rehearsing the presentation. You are presenting your effort of 4 weeks here. Choose to tell the story of your project development experience as succinctly as possible. We look forward to seeing your project demos.
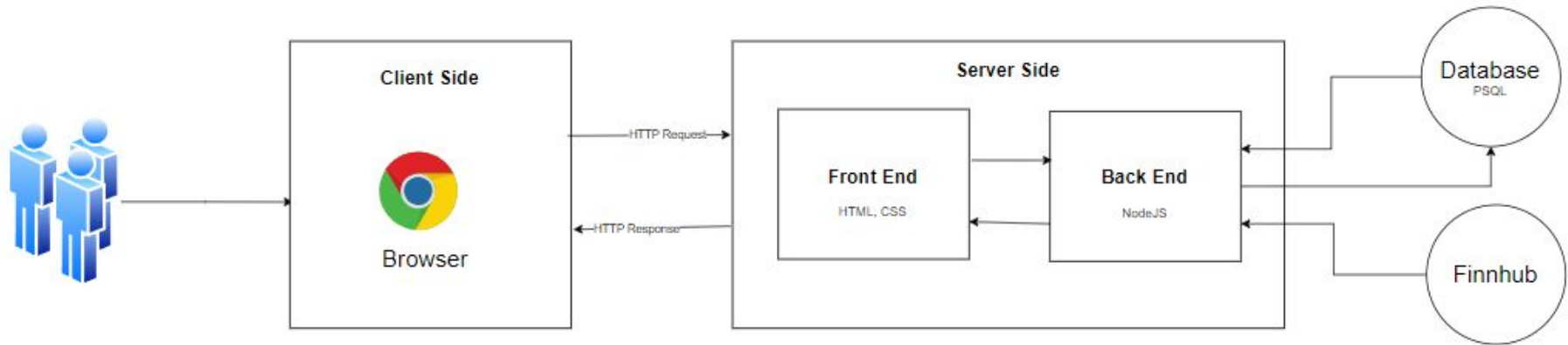
Member Introductions

Description of App

- MockStocks - a stock simulation and tracking game
  - Primarily for students/young adults who are interested in learning how to invest
  - Able to buy and sell virtual shares of stocks using a stock tracking API
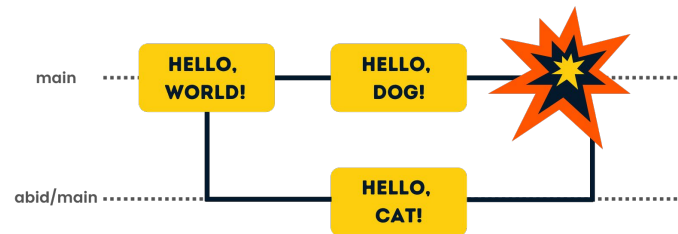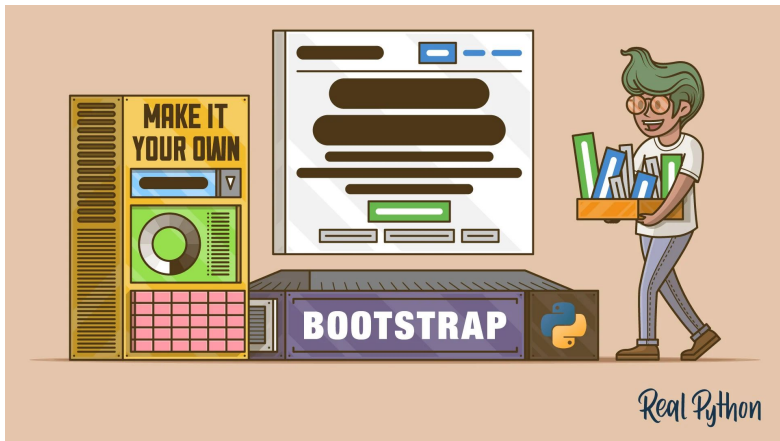 - Create Groups so you and your friends can compete with each other

About This Website:

Our MockStocks application is a free stock game simulation designed to help young adults build an understanding of the stock market and how to trade. Players can form groups with their friends and compete to see who has the best stock trading abilities. So, what are you waiting for? Register for an account and get started today!

MockStocks

examplegroup
Starting Liquidity : $100000

#2 **My Portfolio**

Current Value: $100000.50
Top Stock: CSCO

Manage Portfolio

Current Rankings:

#1 User : ryan

Current Value: $100002.50
Top Stock: GOOGL

#3 User : user1

Current Value: $12479.35
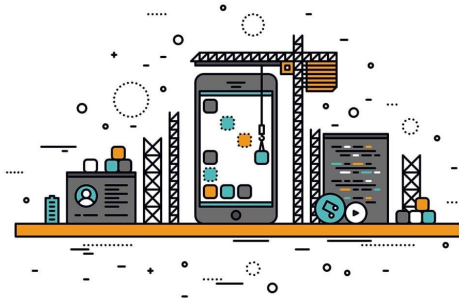Top Stock: AAPL

Architecture Diagram

Challenges

- Proper Usage of Git, creating branches and not overwriting other commits
- Getting our stock market API to work with our front end
- Modifying elements within CSS while using bootstrap
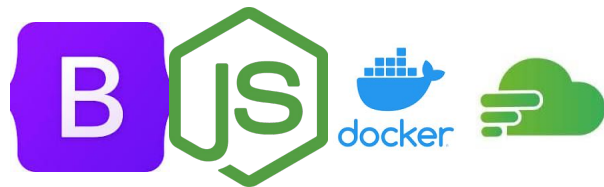- Adding listeners and modals using JS

Future Scope

- Port the existing project onto a mobile application
- Create a public leaderboard system for public groups
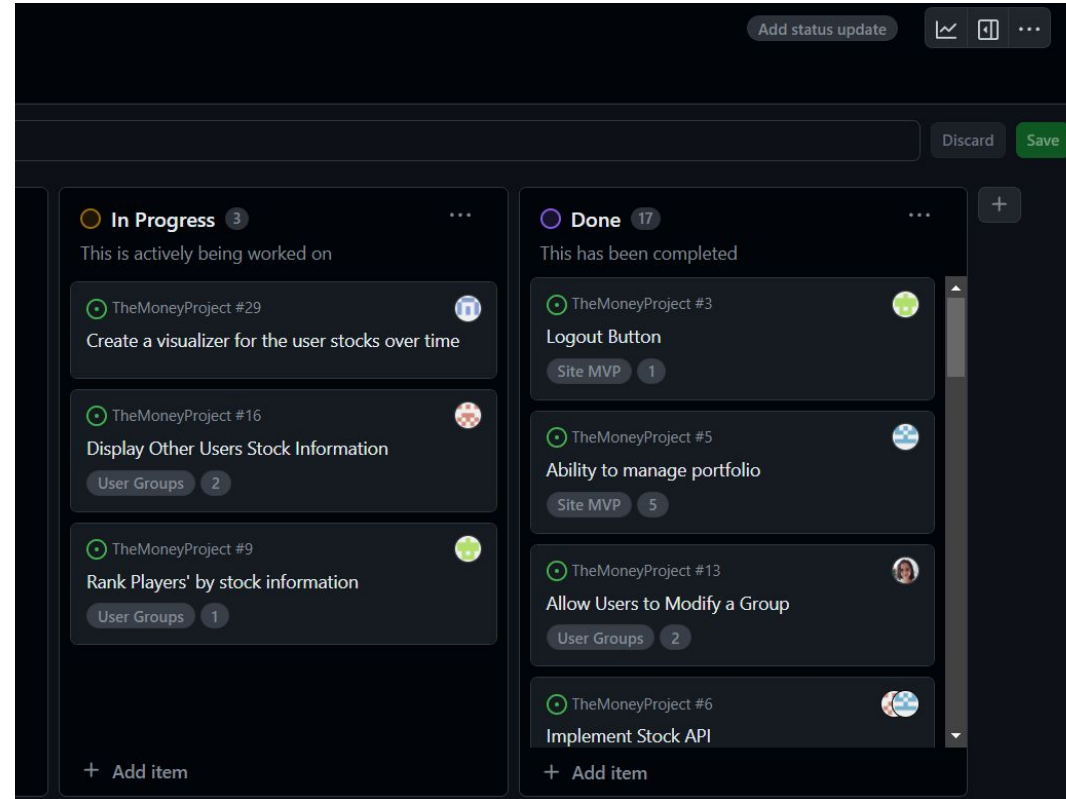- Including past stock growth data for graphs

Technical Details

- Github - Version Control / Project Tracking
  - Rating: 4
- Postgresql - Database
  - Rating: 5
- VSCode - IDE
  - Rating: 5
- Handlebars - HTML Templating
  - Rating: 4
- Bootstrap - HTML Style
  - Rating: 5
- Nodejs - Application Server
  - Rating: 4
- Docker - Virtualization
  - Rating: 3
- FinnHub - Stock API
  - Rating: 3
- Chai - Unit Testing
  - Rating: 2

Methodologies

- Weekly meeting with TA to update on progress
- Weekly team meeting to address key components of the app or resolve roadblocks.
- Each Team member worked on 1 or 2 different components of the app for the first few weeks, then the team worked on integrating the components together in the final weeks.
- Project board to update team on when a task was completed

Product Demo:

Team04
Starting Liquidity : $10000

#1 My Portfolio

Current Value: $10000.00

Top Performing Stock: N/A

Manage Portfolio

Current Rankings:

No other portfolios found.

Copy Join Code: HWHMQL

The Money - 2024