Team Stonkz

A new way to learn about the stock market

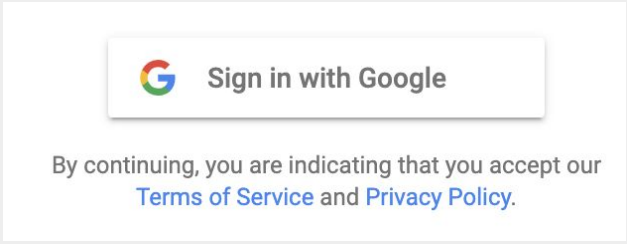
-Avery Arjang, Thomas Kokes, John Chabin, Xiang Chen

MarketWatch

Our app combines all the things we love about Reddit's Wall Street Bets and our favorite stock games

Features

1. Sign in with google to create account
2. Searching for stocks and visualizing data
3. Create and view watchlist
4. Display Reddit feed/ Click Links.



MOMMA WOOD KNOWS WHATS UP..... AGREE OR NO??? 🤖
429 - No-Bandicoot-8980

Visualization of the daily discussion thread today
71 - pdwp90

I've never really YOLO'd like this before. GME to the moon and beyond!
302 - TuaTurnsdaballova

35k yolo in AMC 🚀🚀🚀
318 - alibaba6979

Monday TSLA gains!
88 - Acinshot

What Are Your Moves Tomorrow, April 16, 2021
308 - OPINION_IS_UNPOPULAR

WSB Rules - Please Read Before Posting
106 - OPINION_IS_UNPOPULAR

There's a single New Jersey deli doing $35,000 in sales valued at $100 million in the stock market
8421 - gubbsbe

Subtitles are hard but Hedge Funds like to fuck investors harder.
3588 - PajaroLoco_MC

Zero is not the lowest you can go people!
13623 - StraightZlat

Massachusetts regulators seek to revoke

LMT

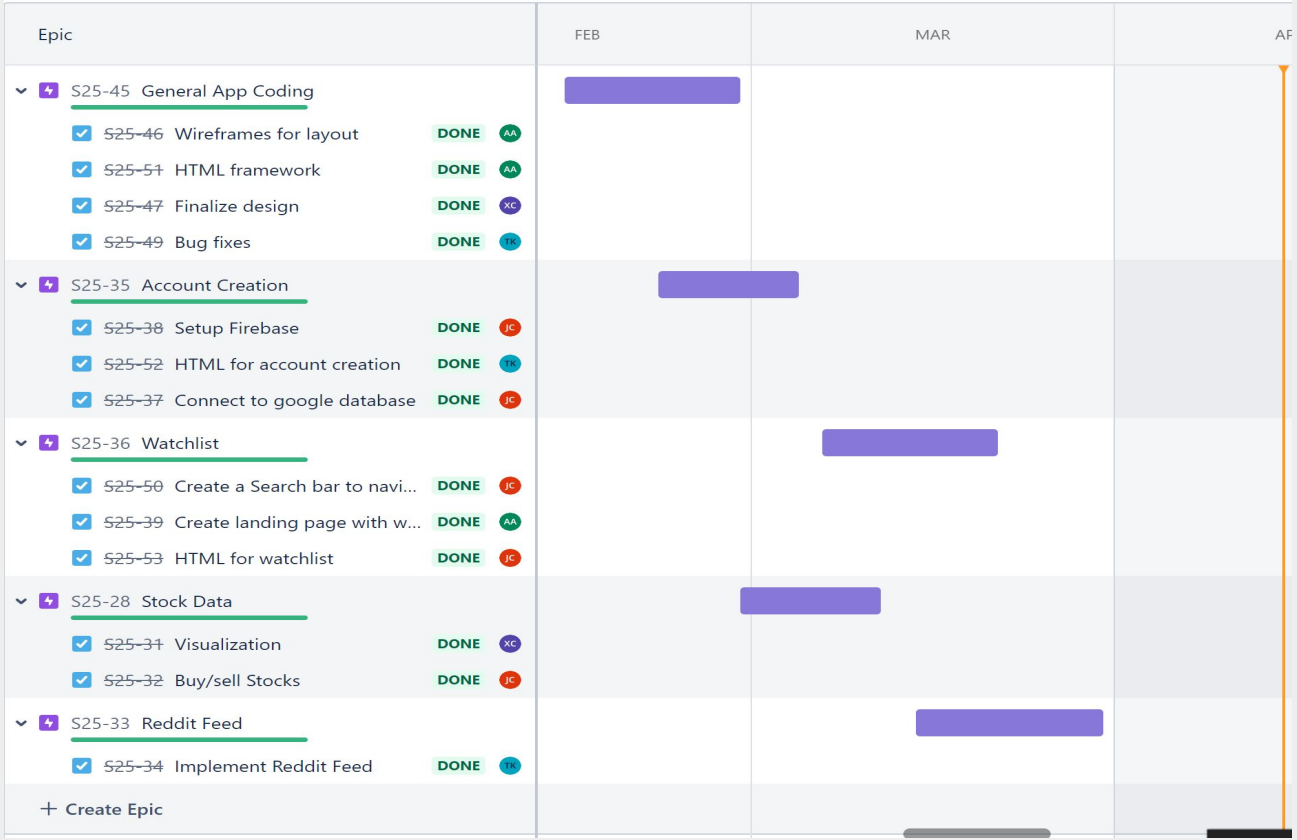
LMT LOCKHEED MARTIN CORP

LMTI LASER MASTER INTL INC

Tools & Ratings

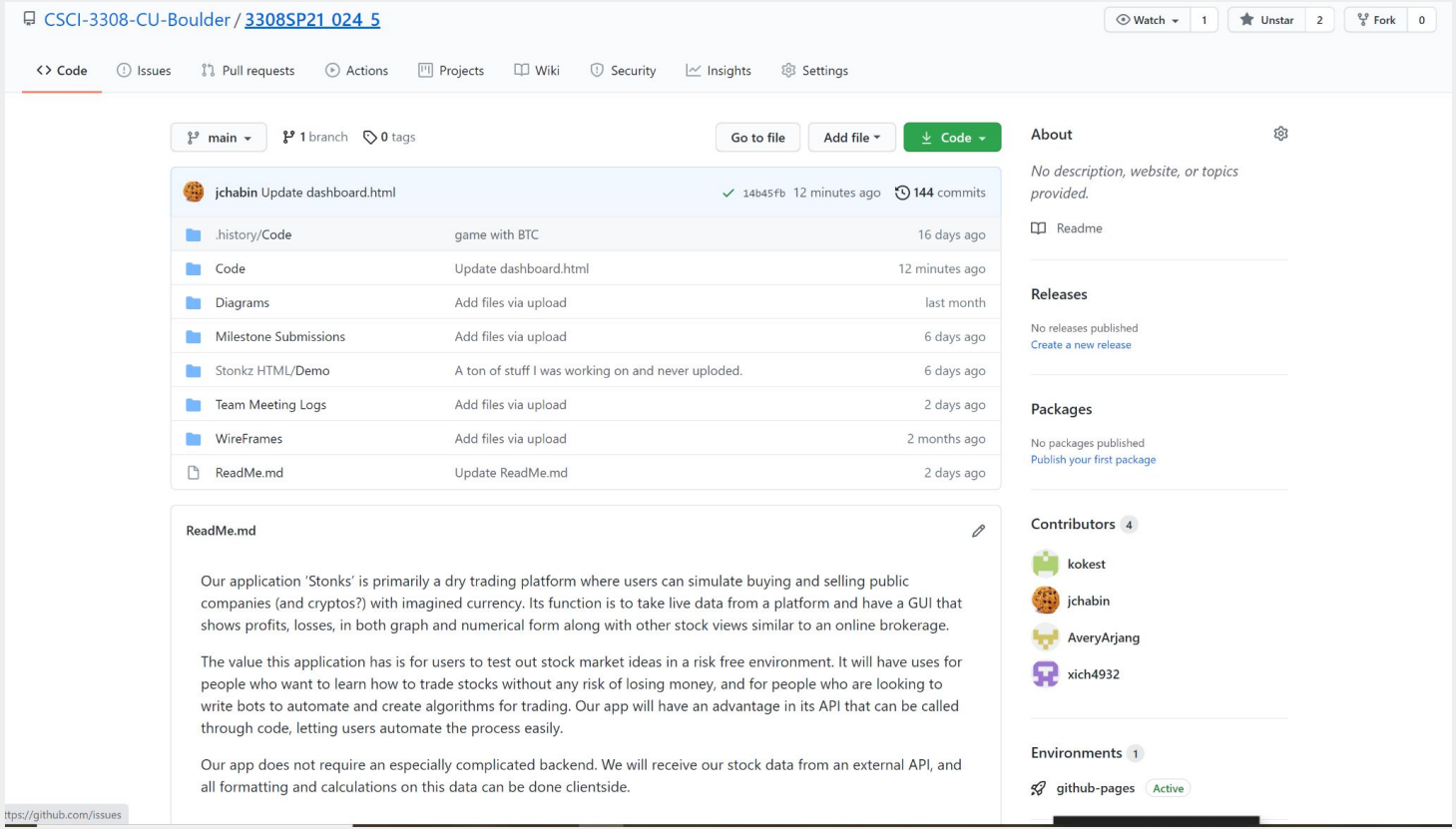
Project Tracker (Jira)

Rating: ★★★★☆



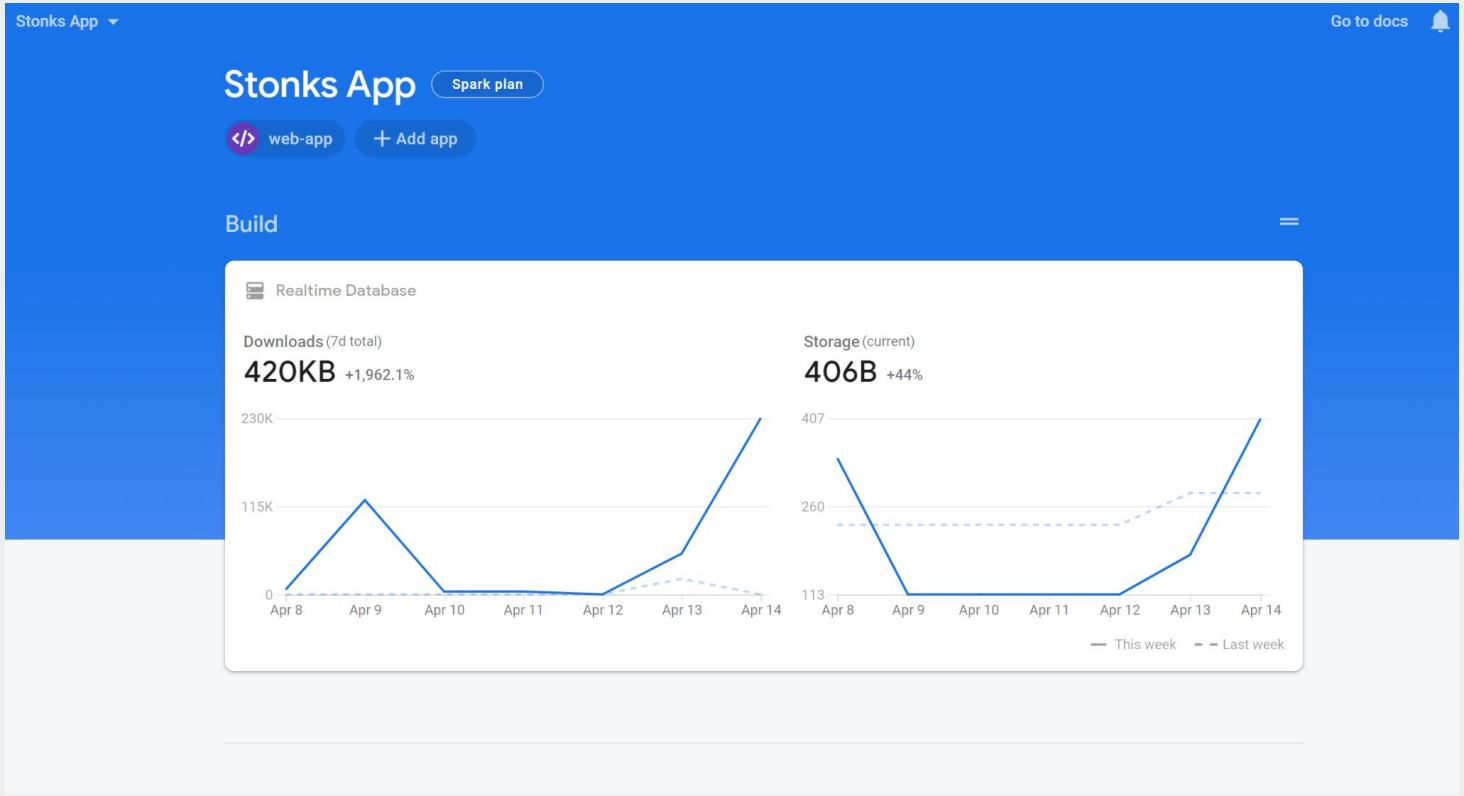
VCS repository (GitHub)

Rating: ★★★★★



Database (Firebase)

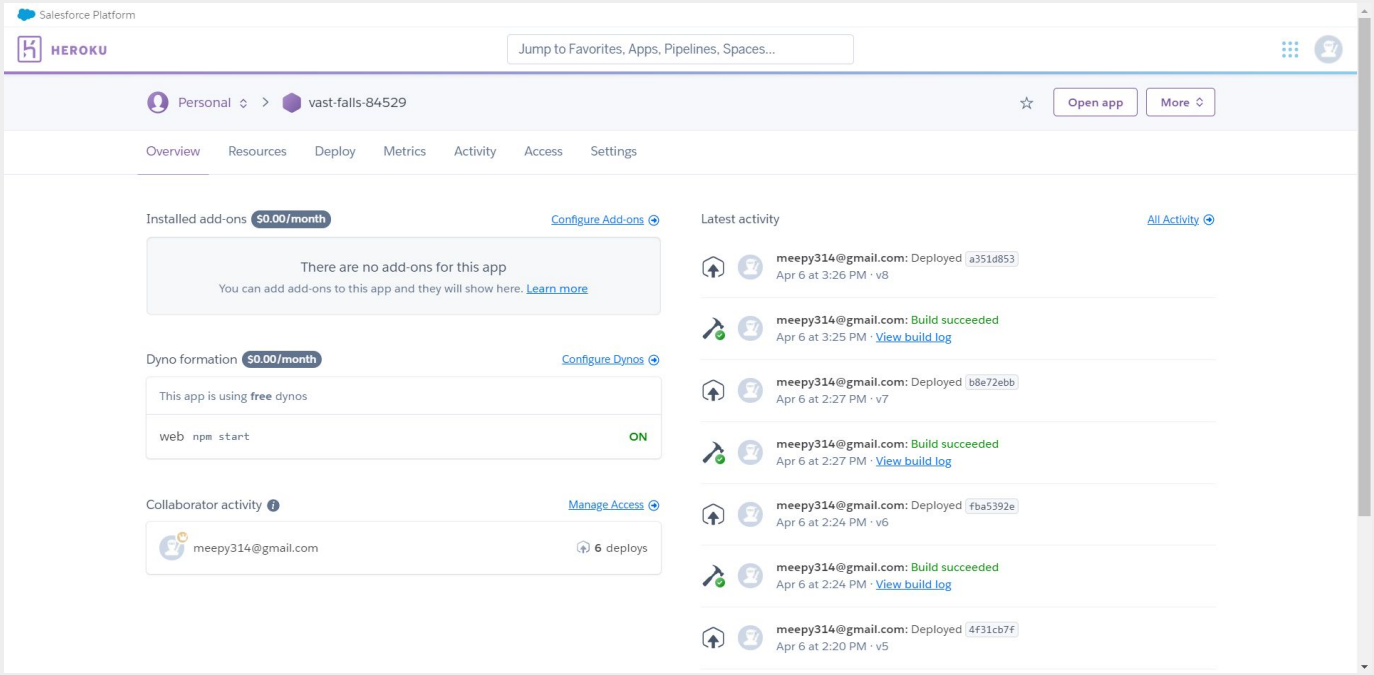
Rating: ★★★★★



Testing tool (User Testing, Mocha, Chai)

Rating: ★★★★☆

Deployment environment (Github, Heroku) Rating: ★★★★☆



Additional tools:

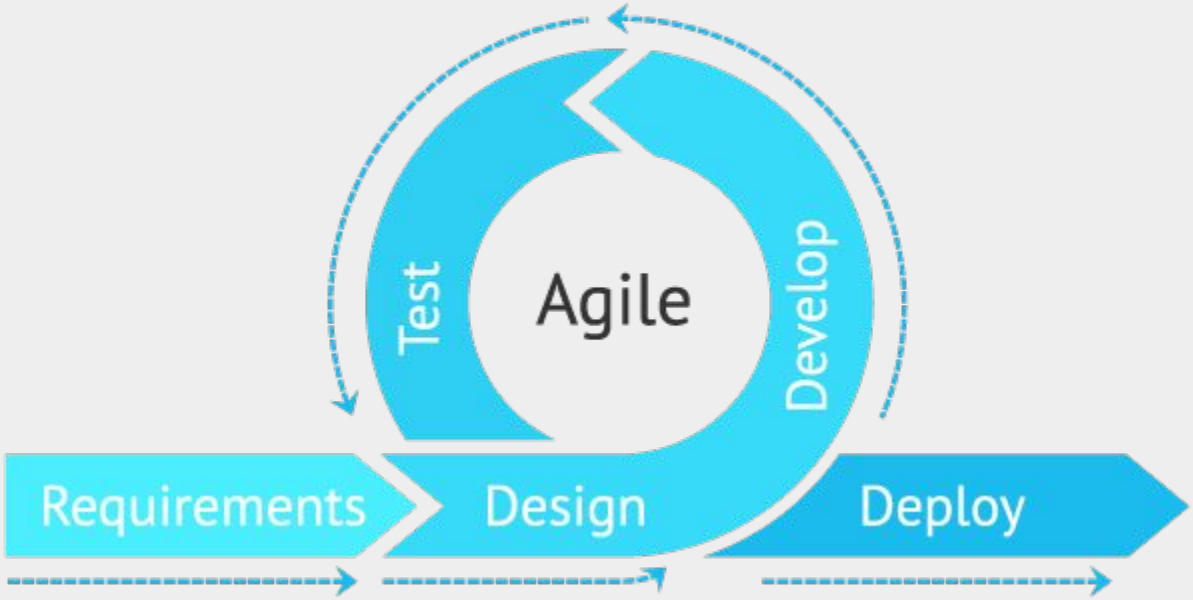
- IDE (Atom, VScode) Rating: ★★☆☆☆
- Framework (Node.js, HTML, Javascript, Finnhub.io, Plotly) Rating: ★★★★★
- Methodology (Agile): ★★☆☆☆

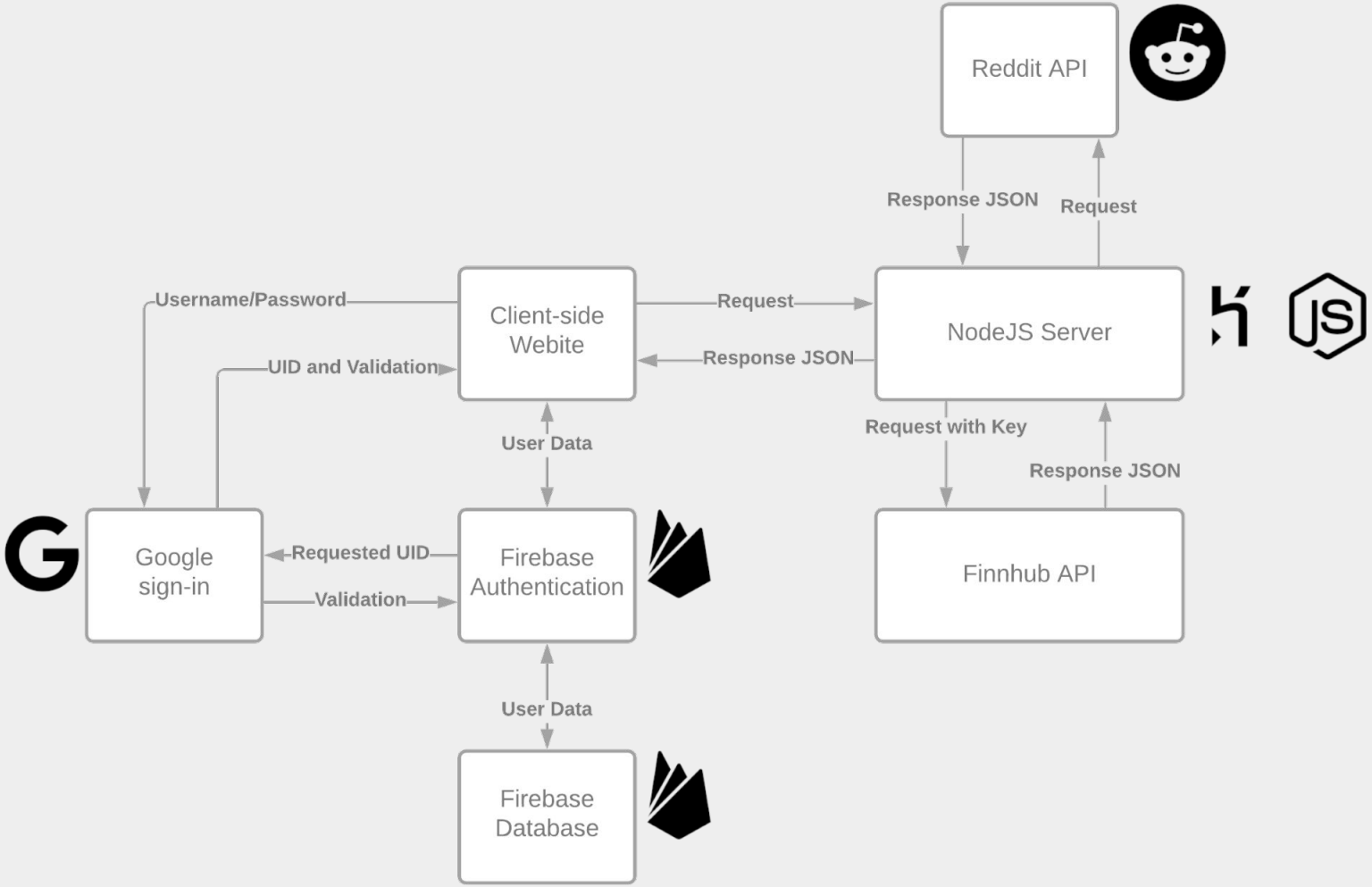
- Editor(Atom, VScode) Rating: ★★☆☆☆

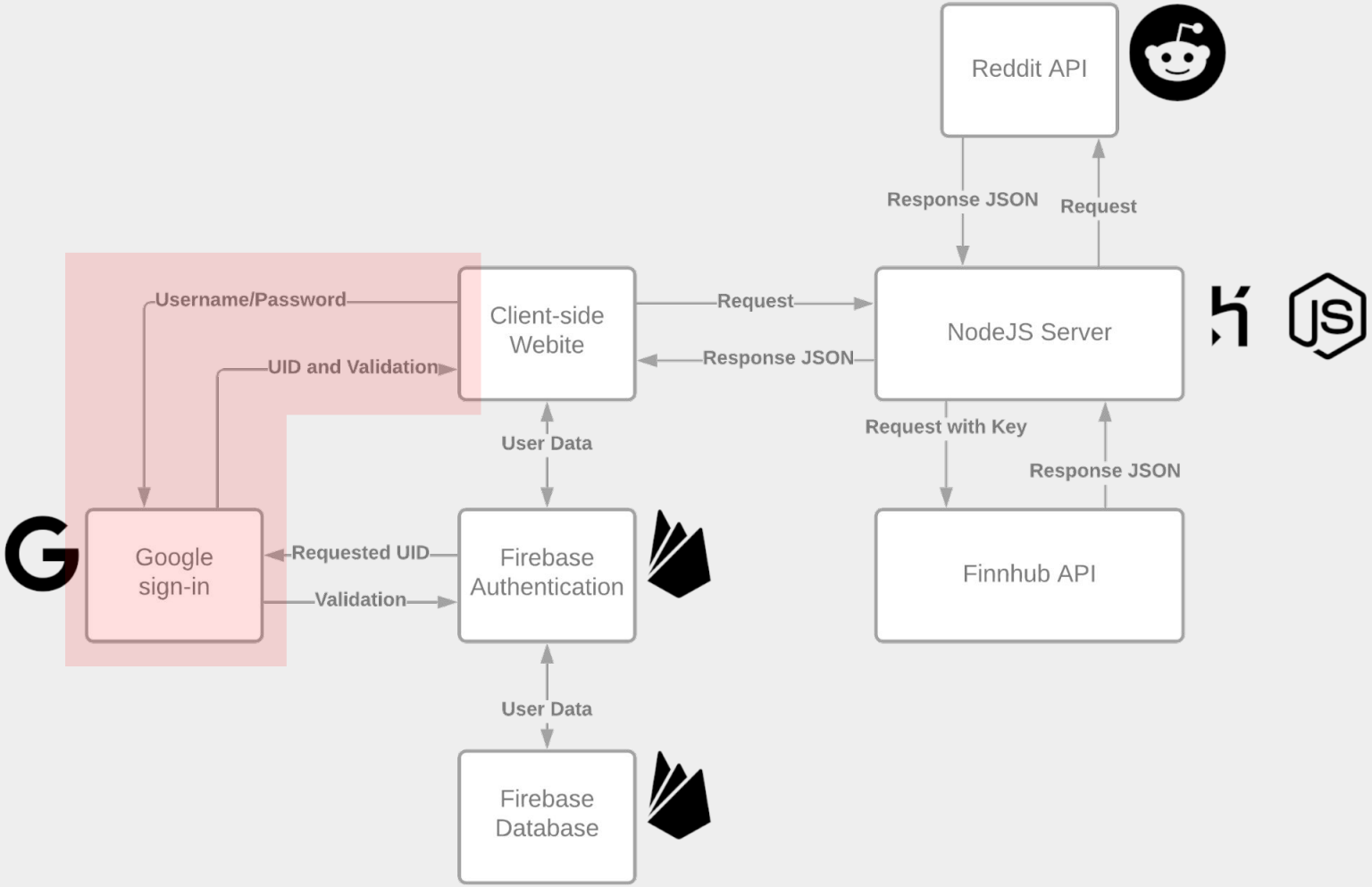
Framework (HTML, Node.js, Javascript) Rating: ★★★★★

Framework (Finnhub, plotly) Rating: ★★★★★

- Methodology (Agile): ★★☆☆☆




Reddit API
Response JSON
Request
Username/Password
Client-side
Webite
Request
NodeJS Server
UID and Validation
Response JSON
User Data
Request with Key
Response JSON
Google
sign-in
Requested UID
Validation
Firebase
Authentication
Finnhub API
User Data
Firebase
Database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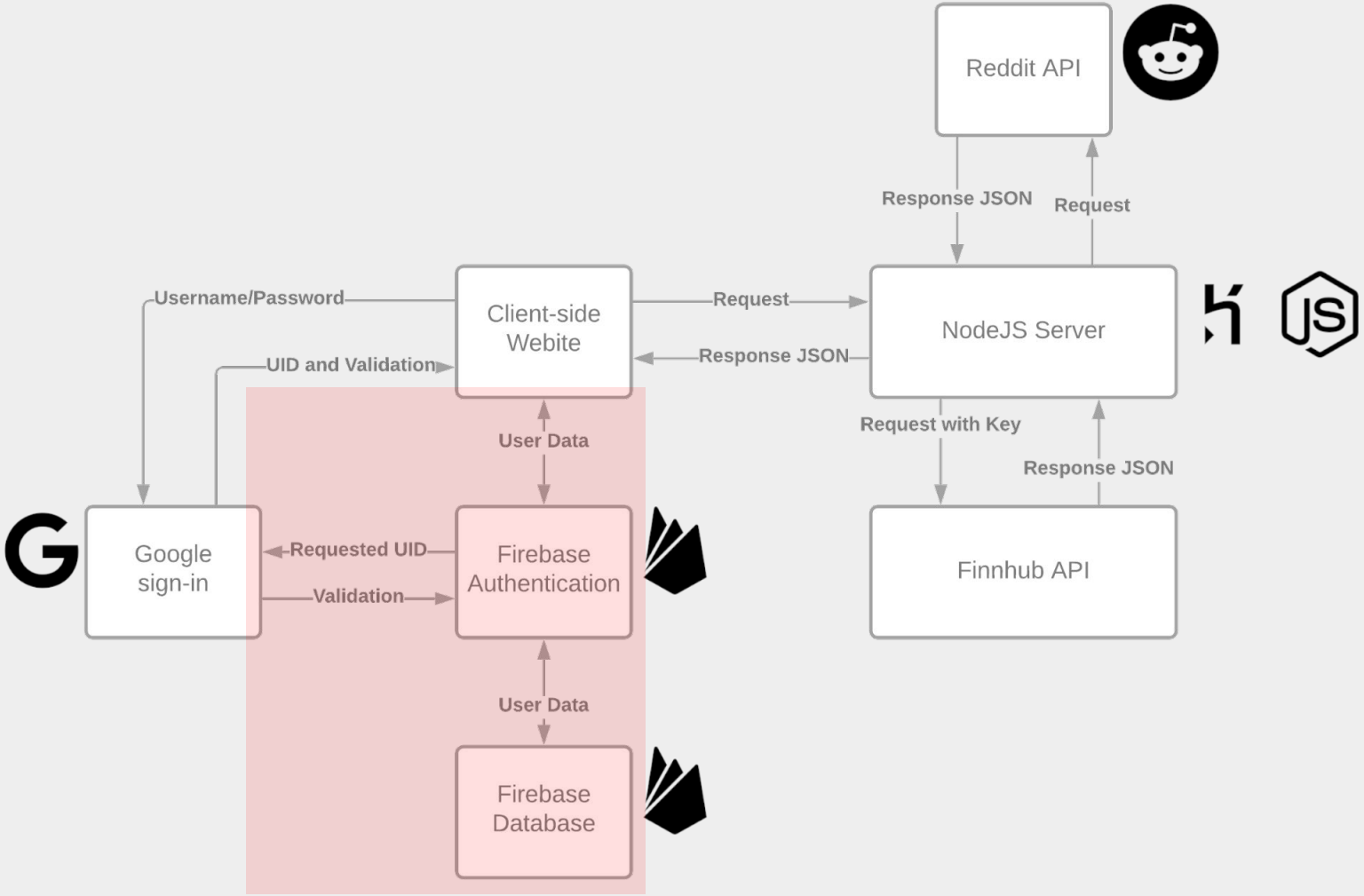
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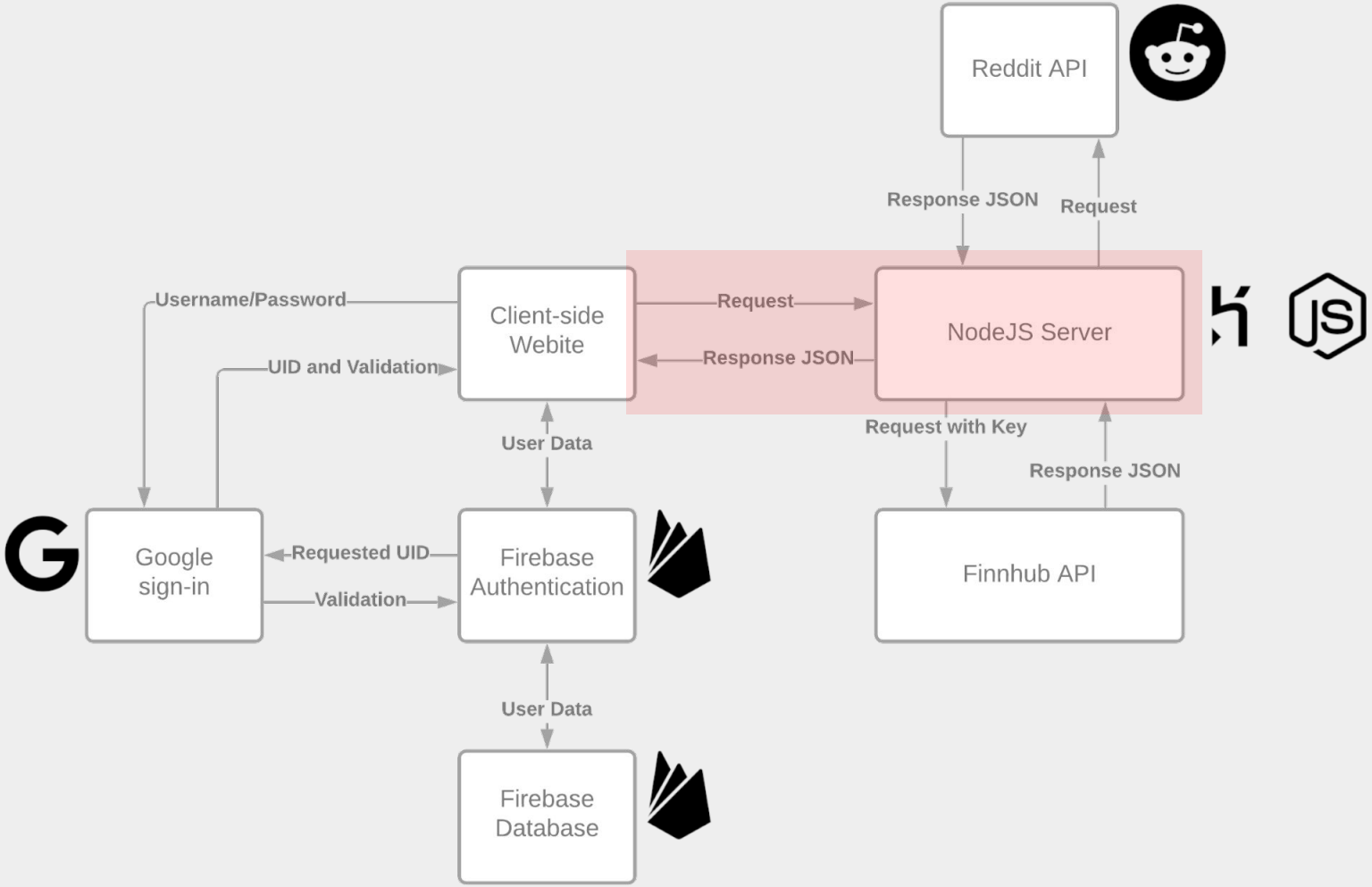
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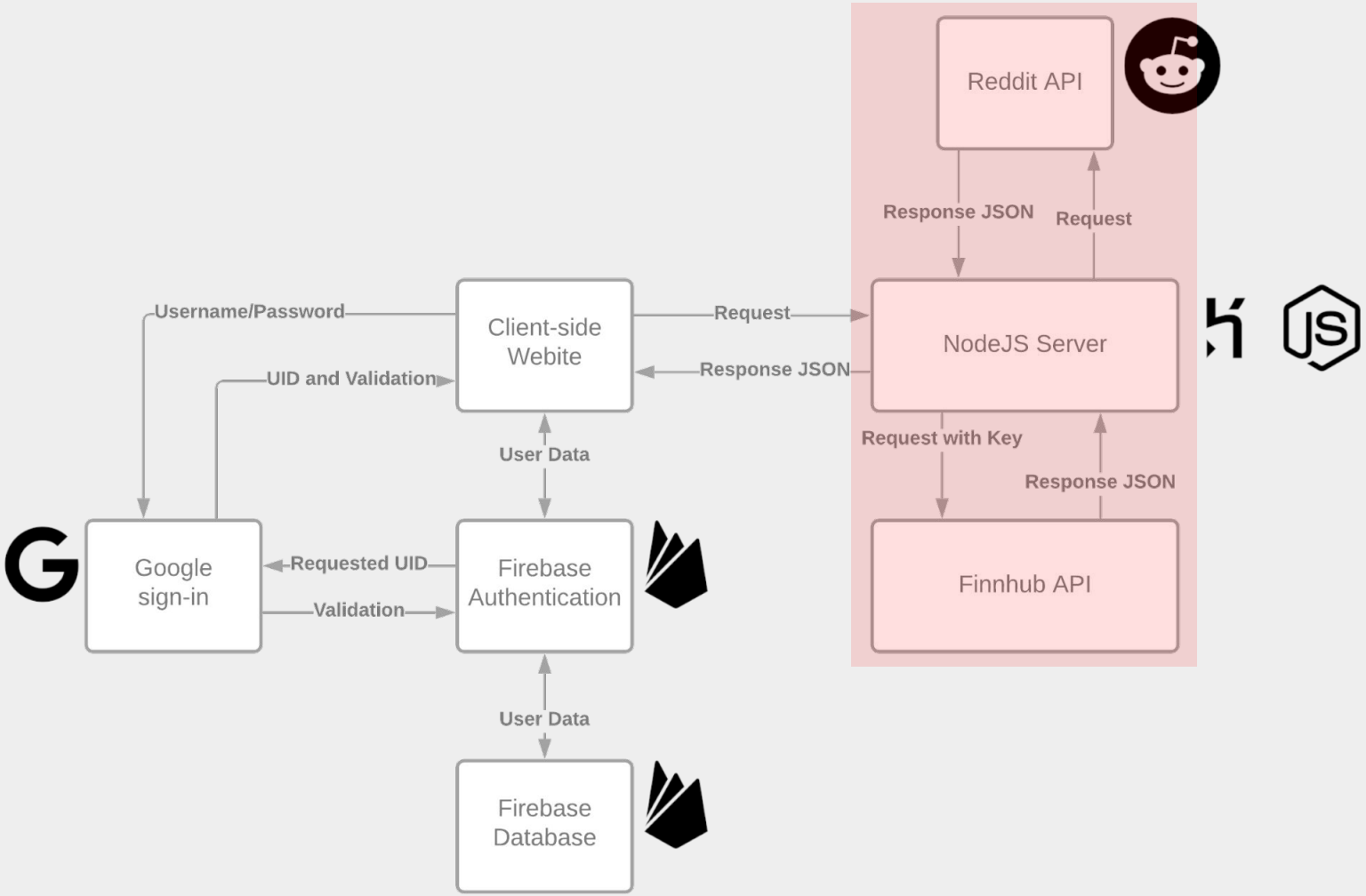
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Challenges

Main challenges:

- Using Finnhub REST API to load stock data
- Using Plotly API to graph stock data
- Correctly Authenticating with FireBase, and making sure users are signed in on all pages except the landing page.

Demo Time! Then Q/A

Click Here