Title: Stock Market Information Hub

BACKGROUND

- When you're investing you must make informed and timed decisions that determine whether you will win or lose money. There are multiple factors which affect a stock or assets price movement, meaning that the more information you have, the better decisions you can make and therefore make more profits and lose less money. The problem is that the information is spread out and scattered across multiple platforms on the internet, making it a hassle to gather all the necessary information while switching multiple tabs and taking notes somewhere else. Some of the information that people look up are stock financials, charts, indicators, national and local economy, sector economics, market sentiment, federal reserve policies, educational resources, and politics just to name a few.

CURRENT CONDITIONS

- One of the most used chart platforms is Tradingview, yet Tradingview is not a broker and does not show stock financials and is limited in features. Finviz shows financial data with hard-to-understand UI and simplistic charts. Investopedia is an educational resource used to learn about economics and the stock market. CNBC, twitter, and social media is used to gain insight on retail trader's sentiment and analyst's sentiment and opinions/predictions.
- There are more websites and more factors that people can consider using to make their decisions, but we can already see that they're all spread out. This is a problem because it can lead to cognitive overload if you must consider them all while switching between tabs and spending time navigating each website.

GOAL

- The basic goal is to create a website that is like a general investors Hub. ONE website where investors can find all this data, analyze, take notes, stay informed, and make better decisions. A website that contains the following: financial data on all or most stocks, educational resources, economic and stock news, charts and indicators, and tools to take notes.

PROPOSAL

- ONE website where investors can find all this data, analyze, take notes, stay informed, and make better decisions. A website that contains the following: financial data on all or most stocks, educational resources, economic and stock news, charts and indicators, and tools to take notes.

PLAN

- First plan out what specific information we want to show and from what sources, then determine functionalities of the website. Choose the tech stack that best fits the project and start designing UI. Test and fix the app using different scenarios

FOLLOW UP

- I can anticipate problems with getting data that must be paid for or is not available for public use. Bugs within the website since it doesn't seem a very small scale project.

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ANALYSIS

- Problem: Stock market data is hard to access
- Why? Data spread across multiple websites and apps
- Why? Most websites contain one or few topics that relate to stocks
- Why? Creators may not want to make such websites or think it may not be worth it
- Why? Since some websites offer information, they don't want to offer the same plus theirs
- Why? They might be lazy, time restraints, obligations, etc.…