

Product: Social Stock Analyzer

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Release Name: Social Stock MVP

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High Level Goals: (list in order of priority, change as needed*)

Introduction: The application allows the user to create an account where they have their own stock portfolio. Stocks may be added and removed from the portfolio. For each individual stock, there is a graph, analysis, and social engagement available to utilize. There will be a log in, log out, and create account screen. The main screen once logged in, will be a dashboard with a menu and search bar.

- Users can log in/log out and create a new account.
- Users can view their own stock portfolio.
- Users can view each individual stock, it's graph, and social engagement.
- Users can search for and add stocks to their portfolio.
- Each stock is analyzed.

User Stories for Release:

- Sprint 1:
 - As a user, I want to be able to create an account and log in and out of it so I can maintain a portfolio of the stocks of my choosing without having to create a new one each time. (5)
 - As a user, I want a home page where I can access all the applications' features in one place. (3)
 - Infrastructure. (3)
- Sprint 2:
 - As a user, I would like an intuitive flow between the different functionalities with easy access to each separate feature. (3)
 - As a user, I should be able to look up a stock and view its price trend and basic financial information so that I can make a decision about investment.(5)
 - As a user I should be able to add a searched stock to my portfolio/watch list If I want so that I can monitor the progress. (9)
 - As a user, I should be able to change my personal information including my password, username, and name. (5)
- Sprint 3:
 - As a user, I should be able to add and remove stocks from my portfolio as I choose so I can maintain the portfolio of my choice. (3)

- As a user I should be able to like and comment on a stock to voice my preferences/predictions so that I can engage with other users.(9)
- As a user, when I search up a stock I should be able to add it to my portfolio and see the social engagement on that stock.(5)
- As a user, I should be able to go to the stock viewer for stocks in my portfolio or likes section so that I can conveniently see the details of my preferred stocks. (3)
- As a user I should be able to access the application over the internet so that I can access it on multiple devices without needing to download it. (5)
- As a user, I should be able to see stock news on dashboard so that I can be up to date on current events related to my stocks and the stock market.(3)
- As a user, I should be able to get stocks that match a certain criteria.(7)
- Sprint 4:
 - As a user, I want to see the popularity of a stock on widely used apps like Twitter. (5)
 - As a user, I want to interact and navigate throughout the dashboard without having difficulty. (5)

Product Backlog: (ideas that we want to but won't be able to implement this time)

- As a user, I should be able to configure the info I see on a particular stock based on the type of investor I am so that I only need to see information relevant to me.
- As a user, I would like to understand the general public sentiment around a stock.

Initial Presentation:

https://docs.google.com/presentation/d/1_kCngsDsENPSOOhEst5-a6Rlsf2SpjdqvAB6LSg6-0I/edit?usp=sharing

Final Presentation:

<https://docs.google.com/presentation/d/12-BRLk2XwfWF-B39OJMYyT5gAXK6YftYHcG7mxQ0f2A/edit?usp=sharing>