Product: Social Stock Analyzer
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Release Name: Social Stock MVP
Release Date: 03/08/2022
Revision Number: 0.1
Revision Date: 01/10/2022

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.
        - Create a login page. (F)
        - Create a registration page. (F)
        - Connect logging in and registration to the database. (F + B)
        - Set up a user database to store user information and configure back to front end connection.
    - As a user, I want a home page where I can access all the applications' features.
        - Set up a basic home page with buttons. (F)
    - Infrastructure
        - Set up Jira and Confluence.
        - Learn AWS and React.
- Sprint 2:
    - As a user, I should be able to log in to my account and be able to access after providing authentication because my account should be secure but I should be able to access it when I need to.
        - SS-21: Set up navigation / react routing allowing flow from log in to homepage. (F) (2)

- ○ As a user, I should be able to look up a stock and be able to view it's price trend and basic financial information so that I can make a decision about investment.
  - ■ SS-22: Connect to alpaca api to fetch stock data (B) (3)
  - ■ SS-23: Display the data for the stock that's fetched (F) (3)
- ○ As a user I should be able to add a particular stock to my portfolio/watch list so that I can monitor the progress of my investments.
  - ■ SS-24: Create an option to add a stock to the portfolio when it's searched for. (F&B) (4)
  - ■ SS-25: Set up portfolio page (Dashboard)(F&B) (6)
- ○ As a user, I should be able to change my personal information including my password, email address, and name.
  - ■ SS-29: Populate the profile page with options to change the name/email/password. (3)
- ○ As a 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.
  - ■ SS-26: Research on tailoring information toward different types of investors. (5)

- ● Sprint 3:
  - ○ As a user, I want to see likes, dislikes, and comments for any given stock.
    - ■ Add UI components/structure displaying comments for each stock.
    - ■ Add UI components/structure displaying likes for each stock.
    - ■ Add back end support for storing likes and comments.
  - ○ As a user, I want to access this application at any time from any place.
    - ■ Research into using Heroku for deployment
  - ○ As a user, I would like to be able to change my personal information including my email address, password, name, and investor type.

- ● Sprint 4:
  - ○ As a user, I want to see the popularity of a stock on widely used apps like Twitter.
  - ○ As a user, I want to interact and navigate throughout the dashboard without having difficulty.

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

Initial Presentation:
https://docs.google.com/presentation/d/1_kCngsDsENPSoOhEst5-a6Rlsf2SpjdqvAB6LSg6-0I/edit?usp=sharing