

Title: Stock Score

Team Members:

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Description:

Stock Score provides investment information to users. Users enter a stock ticker and a date range to generate a stock score which indicates if the user should buy, hold or sell a stock. Users can save a score as a favorite or share the score with other users.

Actors:

Admin
Users

Functionality:

- Users can sign up
- Users can search for specific stocks
- Users can receive a recommendation score for a stock to be bought, held, or sold.
- Users can see a current price of a stock.
- Users can see the industry classification of a stock.
- Users can see a company overview of a stock.
- Users can see the dividend payout ratio of a stock.
- Users can see the historical price information through the chart of a stock over the specified time period
- Users can compare the historical performance of a stock with its competitors.
- Users can compare the historical performance of a stock with its markets.
- Users can store a stock as a favorite.
- Users can set an alert on the different states of the recommendation score for a stock.
- Admins can update stock pages

Stretch Functionality

- Users can share a stock and its recommendation score with others.
- Users can add stocks and receive their hypothetical return based on how long they've held that stock
- Users can comment on stocks