

Product Proposal: Finance Goons – Invest the Best

MEMBERS

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PRODUCT DESCRIPTION

We are creating a service that can analyze company's stock prices and based on fluctuations, is able to predict whether in the next month the stocks will rise. We want to create a service that can separate companies by industry. The service should be able to see trends in the industry to predict what would happen to the company. This service will be displayed as a webpage. The webpage will have easy access to see any companies' stocks and the trends in the industry.

PRODUCT SCOPE

This project will apply the skills that we have learned in our courses. We will be creating a database to hold all the data. We will use APIs to update the information. We use HTML and CSS to create a web application for the user interface. The knowledge in machine learning and python skills will be used to create an AI to create predictions for the stock prices. All this information is eligible for us to be able to do this project.

PRELIMINARY PRODUCT REQUIREMENTS

Functional Requirements

View current stock prices of a company

View the history and the trend of that company

View the competition in the industry for that company

Prediction the future stock prices for that company

Suggest which company in the industry to invest in.

Create a log in that will allow users to save their favorite companies.

Non-functional Requirements

Accessibility – an easy log in feature that will save your preferences

Maintenance – Regular updates to the website

Response time – quick answers for the predictions