**Goal:**

Build a product that allows users to enter a company’s ticker symbol (i.e Apple = AAPL), and analyze the sentiment of the top posts/comments regarding that company. Additionally, the product can analyze multiple timeframes, track the history of sentiment towards a company, and compare multiple companies at once.

**Users:**

User/Investor

Developer (aka myself)

**User Stories:**

* As an investor, I want a quick way to determine how the population feels towards a specific stock, so I can avoid it if the outlook is largely negative.
* As an investor, I want an application that can provide the output whether I provide the ticker symbol or the company name, so that I can avoid doing extra steps.
* As an investor, I want a clear description of the sentiment towards the company (not just a sentiment score), because a mathematical score won’t mean much.
* As an investor, I want to see the top posts/comments/users that contributed to the analysis.
* As an investor, I want the capability to compare multiple companies side-by-side, so that I can determine which one has a better outlook.
* As an investor, I want the capability to adjust the time frame that the company will be analyzed, so that I have a better understanding of how the company outlook is on a short time scale vs a long time scale.
* As a developer, I need to limit the number of tweets that are accessed per run, to avoid hitting the monthly limit.

**MVP (minimum viable product):**

Product let’s user select a single company/symbol, and produces a score on a scale of 1 - 10 along with a description of what the score means for a potential investor.