Juehao Lin

Project Introduction

The purpose of this project is to design a product using Twitter API and Google NLP (Natural Language Processing) AI. The goal of my product is to design and construct a product review analysis system based on Tweets collected by Twitter API and analyzed via Google NLP AI. To build a successful product, we start with designing features written from the perspective of the end user. And user story serves that purpose and articulate how software features will provide value to the customer.

User Stories

- 1. As a user, I may want to read about product analysis based on tweets, so I can decide on whether the product is good or not.
- 2. As a seller, I may want to read about product analysis based on tweets, so I can know what parts of my product consumers like the most, hence improve on it.
- 3. As an investor, I may want to read about product analysis based on tweets, so I can know the status of my invested products.
- 4. As a PR manager, I may want to monitor the reputation of my product online, so I can react to adjust my approach to improve my employer's reputation.
- 5. As a software engineer, I may want the analysis system to be modular and maintainable, so it can be customized and distributed to different users' requirements.