

CS 410 Course Project Progress Report

Team Goons

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Questions:

- 1) Which tasks have been completed?
- 2) Which tasks are pending?

#	Task	Status
1	Create Chrome extension	In Progress
2	Scrape IMDB reviews page of the specific movie searched by user	Complete
3	Create sentiment analysis for each review and rank each comment	Almost Complete
4	Calculate rating according to sentiment scores	In Progress
5	Display keywords and text summary using HTML, CSS	Pending

1. Are you facing any challenges?
 - a. Chrome Extension:
 - i. Main challenges with the chrome extension is to constrain the extension to work on only IMDb websites and not on other websites. There have been issues returning correct movie information to retrieve reviews from the IMDb reviews page.
 - b. Sentiment Analysis:
 - i. We are facing challenges regarding the threshold for our sentiment analysis to allow relevant words for the positive and negative movie reviews based on the score given by the sentiment analysis. Although we have filtered out stop words and also the threshold to allow words over a specific score, there are still some words outputted by our code not as relevant as we would like them.
 - ii. We are deciding between two Python libraries, the transformers and nltk package. More testing will be done to determine which library will suit our project better.