

Project Progress Report

Please upload your progress report to the Github repo shared on CMT. The progress report should give us an idea of how you're implementing your proposal. It should answer 3 main questions: 1) Which tasks have been completed? 2) Which tasks are pending? 3) Are you facing any challenges?

Completed Tasks:

Front-end boilerplate, in-progress
Basic web scraper

Pending Tasks:

Improving the web scraper to pull more accurate text
Running the algorithm on the pulled text data
Combining the components together into final application

Challenges:

As none of us have built a chrome extension before, we spent a lot of time learning Document Object Model, Chrome Extension Structure and Manifest V3. Also, we found out interacting with the DOM element, connecting between background, active tab and newly-created tab is way more ambiguous and time consuming than we expected.

We are also considering how to run our Python code for scraping web pages and running our text analysis algorithm. However, we don't believe that there are straightforward methods of running python scripts dependent on libraries in browser extensions, so it is likely that we will end up using some form of native messaging.