

Group Name: Text Retrievers
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CS 410 Project Progress Report

In terms of the progress made so far, we have not been able to start our code development yet but are planning to start this week before fall break. We decided to have our extension work within the Chrome browser. In terms of the types of webpages we want our search extension to work on, we wish to demonstrate using any article (i.e. news article, wikipedia page, etc), an online store (i.e. amazon, clothing brand), and potentially another webpage if we are not able to demonstrate all of our extension's capabilities with the first two examples. Additionally, we have decided to use Python for our backend as it has more suitable tools for web scraping, such as the BeautifulSoup library. We will still use Javascript for the frontend.

Our remaining tasks include implementing the backend to index the webpage and using a BM25 implementation to rank relevant results on the webpage with respect to the user's query. We also need to work on the frontend to make it easy to use and with a good UI design. Again, we will be starting this soon, sometime this week. After that has been completed, we need to work on further testing as well as the recorded demo video.

We do not have any major challenges or issues we are facing now!