

Tasks Completed

- Research and Planning: I have finished my research on the project's feasibility. This included reviewing existing browser extensions and analyzing user needs.
- Front End Development: The basic structure of the extensions end is now complete. User interface elements for displaying summaries and related articles have been implemented.

Tasks in Progress

- Development of NLP Component: I am currently working on developing and testing the NLP component for content summarization. My focus is on refining the model to effectively summarize content from web pages.
- Preliminary Testing: I am preparing to conduct testing of the summarization feature to evaluate its accuracy and speed.
- Back End Development: I am developing the server side logic of the algorithms used for extracting related articles based on the context of the current web page.
- Integration: I will integrate the back end components soon to ensure functioning of the extension.
- User Interface Enhancements: I am planning to improve the user interface for an user experience and enhanced accessibility.

Challenges Encountered

- Integration of NLP Techniques: I have faced some difficulties in integrating NLP techniques, for context understanding. However I am actively working on optimizing these algorithms to improve their efficiency. I have been facing some challenges regarding the performance especially when dealing with articles. I am actively working on optimizing the summarization process to minimize the time it takes for processing.
- Additionally I am currently struggling with designing a user interface that's user friendly and intuitive while still being able to present an amount of information without overwhelming the users.