Team 3
simplif.ai
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PROBLEM STATEMENT

The initiative of simplif.ai is to aid any student with efficient studying by condensing notes and saving time to prepare for exams. With limited applications utilizing new NLP technology, simplif.ai will focus on benefiting students by condensing and summarizing notes, lectures, and academic papers. By reducing the amount of content a student needs to review, we will improve their studying habits, and increase comprehension.

OBJECTIVES

- Simplif.ai will allow users to input notes, articles, or other academic texts into an intuitive GUI.
- The application will utilize and optimize a machine learning algorithm that will condense notes by finding keywords, important dates, and definitions.
- Users will receive simplified notes in an easy-to-digest format.

STAKEHOLDERS

- Project Manager: TA for the semester
- Project Owner: Sawyer Blatz, Ian Renfro, Kevin Xia, Lena Adel, Audrey Vincent, Pretoria Chang
- Users: students who are looking to summarize their notes, articles, and texts
- Developers: our team who is writing the software

DELIVERABLES

- Web application interface that utilizes NLP libraries to condense information for the user.
- Google Chrome extension that communicates information with a web application.
- Allow interface or dashboard that organizes information and notes by class.
- Python API to Node.js backend that communicates with a React Front end.
- Application hosted with AWS using a Firebase database.