

# Comment Anywhere Progress Report

Week 1

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During the Fall 2022 semester, Karl developed two prototypes for the front-end and back-end, which helped everyone better understand the project goals. Over winter break, our team members independently prepared for the implementation phase. Karl created his own browser extension as a personal project, thus improving his understanding of the technology fundamental to Comment Anywhere. Luke and Frank also studied the TypeScript and Golang programming languages, which are the languages our team deemed appropriate for this project earlier on. Luke also created the Implementation repository along with the readme.

Our team's first objective was to plan our methods of communication and project organization. We discussed and implemented two solutions to reach this goal. On January 18, Karl set up a Trello Board instance. Trello Board is a service that allows a team to manage goals and progress in an intuitive way, which increases the team's productivity. We also utilize a Discord server as the primary means of communication. There are multiple channels used to section off important topics, such as general discussion, descriptive records of completed tasks, planning and organization, and concerns regarding the documentation website.

On the same day, Luke attempted to create a Student Repo account. Unfortunately, the account could not be created, as the conformation email failed to send. He tried creating an account with both his school and personal email, but to no avail. This issue was later confirmed by Karl, as his attempt to create an account failed as well. Frank was tasked with creating and stylizing the Gantt chart. On January 20, our team met after class to voice our concerns and suggestions to improve the model presented by Frank, which consisted of a few stylistic errors and the removal of some redundant tasks.

Our team arranged a remote meeting on January 21 for Karl to explain the steps in creating a post for the documentation website. We used the Visual Studio Code LiveShare

extension to collaborate and edit the repository in real time, along with being able to follow someone's cursor editing a text file. To create the documentation website, Karl introduced a technology called Jekyll. This tool generates a static webpage from a series of Markdown documents, and properly organizes these documents into separate tabs. This tool also allows for a global theme, which eliminates the time and effort needed to manually program a style. This static webpage will be hosted for free using GitHub Pages, which is a repository under our Comment Anywhere organization page.

Without the LiveShare utility, we decided that individual team members must use the Git command line interface to upload Markdown files as a post. On January 21, Karl provided a helpful set of instructions detailing this process, such as the specific Markdown format, and Git commands for creating a pull request.