Team 8 - Project Charter

Team Members: Adrik Herbert, Aidan Welch, Josh Kleyman, Quin Houck

Problem Statement: As popular and ubiquitous as social media has become, sites like Twitter and Facebook have only yet managed to cultivate social microcosms based solely on their respective websites. Internet communities are therefore locked into a small variety of the most popular social platforms in order to properly thrive. Our project aims to redefine what social media looks like, breaking through the barriers currently present in social media applications, and turning the Internet into a canvas for social activity.

Project Objectives:

- Design a browser extension that will allow users to annotate web pages with text, images, and links. These annotations will then be visible in the same location for each subsequent access of the web page.
- Create a web app that will serve as a central point to view and organize notes as well as connect with friends.
- Allow users to see their friends' notes on each relevant website.
- Design a social hub on the central web application that allows users to see collections of their own notes and their friends' notes, as well as visit the web pages associated with them.
- Effectively, this turns the Internet itself into a social media platform.

Stakeholders:

- Users: People who want to annotate or leave notes on web pages and share them with a social network of friends.
- Developers: Adrik Herbert, Aidan Welch, Josh Kleyman, Quin Houck
- Project Manager: Vibhu Sehra

- Project Owners: Adrik Herbert, Aidan Welch, Josh Kleyman, Quin Houck

Deliverables:

- Allow users to annotate web pages with text, images, and links. This function will be implemented using a browser extension, written with standard web technologies like HTML, CSS, and JavaScript.
- Users will be able to form accounts by providing basic login information, which will be stored in an SQL database.
- Users can connect to groups by searching other accounts in the database. These actions will be mediated by a backend written with Flask (Python).
- The central site's UI will be implemented with React and feature a home page, a profile page, and the ability to search and view other people's notes.
- Our project will allow liking and commenting on friend's posts/notes. This will be implemented on the central site and stored on the SQL server.
- The notes which are viewable to a user on any web page can be toggled on and off using the browser extension.