

CS 307 Team 34

Team Members: Clayton Lewis, Austin Lowell, Samuel Roberts, Brian Wong

Project Title: TBD

Project Charter

Problem Statement: In large shared folders on Google Drive, it is very difficult to manage properties of a folder and all of its subfolders and files quickly and efficiently. Google provides a solution to this via their G Suite software, but this is a costly solution to which many smaller organizations or groups do not have access.

Project Objectives:

- To develop a browser extension using Google's API
- To allow easy viewing of the file and folder structure of a shared folder
- To allow for easy changing of ownership of files and folders
- To allow for easy removing or adding people to files and folders
- To allow for changing the permissions (edit, view) of files and folders for multiple people at once
- To allow for creating groups of people in order to easily share files with them multiple times

Stakeholders:

- Users/Customers - Google Drive users
 - Especially groups and organizations that share files on Google Drive
- Software Developers - Clayton Lewis, Austin Lowell, Samuel Roberts, Brian Wong
- Project Coordinator - Harsh Parakh
- Project Manager - Austin Lowell
- Project Owners - Clayton Lewis, Austin Lowell, Samuel Roberts, Brian Wong

Project Deliverables:

- Browser Extension that edits Google's Webpage
 - Chrome extension
 - Possibly Firefox Extension
- Front-end: HTML, CSS, JavaScript
- Interface with Google Drive API using JavaScript