Project Manual

Proposal/Use:

        The goal of the project is to provide people with information regarding air quality. A website will be created to inform people about air quality. The website will link to PlumeLabs, IQAir, and AirNow so that people can check the air quality in their local area. The website will also contain information regarding basic measurements of air quality, what to do if air quality is poor, how government actions related to air quality, the health effects of differing air quality, and environmental justice with regards to air quality.

        Air quality is important to consider as climate change is on the rise. Progressing climate change has increased the amount of wildfires, which in turn decreases air quality.

Requirements:

- Github - Github can be used to store the files for the project as well as for verison control and easier collaborative team effort.
- Github Pages - Pages allows for the website to be viewed on the internet.
- React - React can help better organize the different parts of the website.
- Google Documents - Google Documents can be used to write out the documentation needed for the project such as the Project Manual and Project Progress Documents.

Database:

Application Workflow:

Features table (listing):

Project Planning:

Test Planning:

Conclusion: