Mission

The "Green Lane" in Portland, OR was an innovative step in reducing bicycle/car collisions. We want to outline the history of crashes before and after the Green Lane implementation to see what its effect was, and if there is room for improvement.

Values

We value clarity in our presentation of data. We value structured and clear-written code for the ease of readability, maintainability, and longevity. These values will be met by having a captivating visual representation of data that is easy to manipulate, and by following CodingStandards. These CodingStandards include coding with an agreed upon syntax for naming variables and procedural calls, as well as comments that are succinct that describe method calls and explain any confusing or hard-to-read code.

Operating Strategies

Every Thursday at 2:30, the team will meet for at least fifteen minutes to discuss the project and our progress, or to work together for a longer amount of time. This time will also be used to schedule extra meetings should the need arise. Everyone is expected to attend all of the meeting times, but to alert the other team members of a conflict via text message as soon as possible.

If it is an urgent meeting that one member cannot attend, then the other two members will meet. If it can wait the team will reschedule the meeting. If a team member is expected to be absent, then he must still get his portion of the project to the other group members.

Text messages sent to all team members should be acknowledged and responded to.

Any bugs being encountered by individual team members will be looked over at the meetings, and no one person should be responsible for knowing how certain code works. It is everyone's responsibility to be able to help write and debug a team member's code.

It is the team's goal to receive an A for this project, so everyone should strive to do A-quality work.

Roles and Responsibilities

Parker's Role:

- *Documentation Dude*. Person who reviews all final versions and edits of any documentation to be submitted to Dr. Crenshaw and the Writer's Workshops to assure that writing is understandable and correct.

Casey's Role:

- *Data Steward*. Person who oversees the team's work of scraping, assembling, and cleaning up all data required by the project.
- *Tech Integration*. The person who communicates to the team what each individual member is working on or has recently contributed. Makes sure that all parts of the project and all various features are successfully integrated with one another.

Kenny's Role:

- *GitHub Guru.* Person who has an expertise in git, monitors check-ins by all team members, and affirms that the master branch is ready and working for pull by Dr. Crenshaw.
- *Time Keeper.* Person who watches the time in order to keep the group on task and focused during meetings.

Protocols

The Testing Protocol

Testing code will require the following steps before a final push of the data to the remote git repository's master branch:

1. On a separate "feature" branch, run all test suites.
2. Review with the other two members at the next meeting the test suites, explaining how the test suites check for all possible scenarios that could occur.
3. Together, the team will attempt to write more test suites in case there were any aspects of the code that may have been overlooked.
4. If the test suites run, then push the feature branch to the remote repository. Otherwise, fix bugs.
5. Locally, merge the feature branch with the master branch. Run all test suites again as a team.
6. While still together, and with oversight from the GitHub Guru, push the merged master branch.