SPRINT 1: REQUIREMENTS

The goal of our metric visualizations is to give a project manager a tool for measuring how active the contributors to their project are. The visualizations will give insight into the specific areas where improvements could be made, like checking to make sure people are reviewing code, being more than one-time users, and communicating.
This tool is intended to prevent projects from falling into poor health and keep contributors engaged with the community.
To achieve this, 9 metrics are pulled from Chaoss:
STARTER PROJECT HEALTH
1) time to first response
2) change request closure ratio
3) bus factor
4) release frequency
COMMUNITY ACTIVITY
1) commit_frequency
2) meeting_count
3) meeting_attendee_count
4) code_review_count
5) contributor_count

Interested actors in the Starter Project Health metric model may include maintainers, individual contributors, project evangelists, and anyone else who plays a part in the active development of the project.
Interested actors in the Community Activity metric model would likely include 3rd parties who are interested in utilizing the project, as it would allow them to tell whether they can rely on the project to be continually developed. It may also be useful to sponsors who are trying to determine where they should place their support for open source projects.

These metrics are used to build these visualizations:
STARTER PROJECT HEALTH
1) time to first response - response time is crucial to keeping contributors engaged.
2) bus factor - the bus factor should be checked to make sure the community stays healthy.
3) release frequency - this should be checked to make sure the community is active.
4) change request closure ratio - this should be monitored and kept relatively even.
COMMUNITY ACTIVITY
1) communication - contributor count / average meeting attendee count, important for measuring how communicative the contributors are.
2) meeting count - important for measuring how frequently the team comes together to discuss implementation.
3) commit frequency - this should be checked to ensure the community is active in a similar manner to release frequency.
4) code review count - important for ensuring that contributors are ensuring quality.
GITHUB LINK: (waiting on implementation video. This is all currently not in a fork.)