

Test Plan

Features to be Tested

Upload Capability (Future)

- Exactly which file type will we be able to accept?
- How many files will we be able to accept?
- Is there a maximum capacity?
- What to do if file is unreadable?
- What to do if file contains insufficient data?

Data Visualization

- Consistent visuals for the type of information being represented
- Readable
- Interactive
 - Pick and choose which metrics want to be compared
- For the heat map -> Location accuracy

Technologies to be Tested

API

- Consistent format of output to the client
- Appropriate error handling
 - What to communicate to the client the server encountered an error
- Prevent unauthorized requests to server

Client

- Access geojson data from API
- Manipulate data and visualizations within client
- Submit boundaries for measures

Platforms to be Tested On

- Standard web browsers (Edge, Firefox, Chrome)
 - Mobile accessibility is limited due to scaling issues/small screen