Test Plan

Features to be Tested

Upload capability

- 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
- Only allow authorized users to make requests

Client

- Error handling if trouble accessing API
- What to output if received an error from server
- Automatic retries

Platforms to be Tested On

- Standard web browsers (Explorer, Firefox, Chrome)
  - Mobile accessibility?