

## Features to implement in next Sprint:

- **Incremental Analytics for Analysis Page**
  - **Feature 1:** Reduce run time and complexity by having additions/removals to the database only affect entries which are directly affected; sorting and calculations performed after the initial run should use values/data which has already been calculated, instead of recalculating everything upon any changes.

## GUI Mockup:

No GUI is used for improving code.

## Test cases:

- **Feature 1 Test Cases**
  - **Test Case 1:** User adds 10 new entries to database.  
Correct Output: Calculations done to determine the values for all webpages are based on the initial values determined upon the first execution. The wait times for results to generate should be faster than without the changes.
  - **Test Case 2:** User removes 10 entries from the database.  
Correct Output: As with the last case, the initially determined values are used to determine the new values, instead of running calculations upon the entire database all over again. Wait times for results to generate should be faster than without the changes.

## TODO LIST

Done list of last sprint

- Geochart #3
  - [Finished by Luke and Jacob]
- Analysis Page
  - [Finished by Luke and Gellert]

## Upcoming Sprint:

- Implement incremental analytics to code