

Formal Client Meeting Notes

Date: 10/09/2024

Location: Reid Library Booth 2

Present: Jim, Susheel, Lilee

Meeting Notes

Needs/Expectations

- Confirming the need to exporting as gpx, they would integrate this in their own use of fez maps
- Database for historical data are ideal. Would allow to search up dates of searches and look at how fast a search was

Search details

- Search teams carry out a search in a grid like formation. Jim wants the ability to have a line between gps points (we can do that already)
- A search is conducted in sectors with a base station in each. Adding functionality to identify a sector
- Before a search will go out, they have a meeting point, the FOV where the search teams are given their devices

Main objective of our product was confirmed as a way to validate that a search team did in fact search an area.

Other features talked about:

- Having option to view multiple search teams (already doing with the active containers)
- Each meshtastic device, once configured is assigned as a search team
- **Not needed but nice to have:** accepts geotiff for visualizing sector size (overlay on map to visualize search ID)

Diagram

The search teams travel in grid-like formations, ensuring an area is thoroughly searched. This means that the map visualization by the end of a search would likely look like a uniform grid of paths, filling the search space.

