GOFR Roadmap

Proposed features that could be added in the future are listed below. Please engage the maintainers on the GOFR slack channel of Digital Square or in GitHub issues.

Enhanced Exports
- Detailed matching report, including:
  - Percentage of automatic matches
  - Percentage of matches made by user
- Export an administrative subgroup of facility information.
- Ability to select fields to export.

User Support
- Provide a CSV file template to which users can add data for rapid start up.
- Enable long-running uploads and approval processes to prevent failures due to bad internet connection.

Matching based on additional attributes
- Combinations of the same
  - Issue: https://github.com/openhie/facility-recon/issues/18
- Comparison of multiple dhis2 instances
- Reconcile additional attributes associated with a facility, such as from a facility survey
  - Issue: https://github.com/openhie/facility-recon/issues/20
- Adoption of FHIR's ability to manage multiple hierarchies (currently IHE work item)
  - GOFR could match and keep cross references to the multiple hierarchies that the ministry must synchronize across. There is an ongoing discussion to create a proposal to address this but it involves standard bodies. Issue: https://github.com/openhie/facility-recon/issues/19
- Ability to map any data source to show facility locations. This could be a separate tab in the interface launched when 1) the data source has geocoordinates and 2) the user selects to see the mapping. Issue: https://github.com/openhie/facility-recon/issues/11

Added Services
- Deduplication - Identification of duplicates in data sources and ability to remove them.
  - Issue: https://github.com/openhie/facility-recon/issues/14
- Governance
  - Authorization workflows
  - Audit trails of approved changes - by whom and on what date

- - Automatic triggering of reconciliation by changes to MFL. This depends on API including metadata features. This includes round-tripping between data sources via the tool.
    - Development of merge policies -
      - Encoding governance and confirming sources of truth such as GPS coordinates
    - Inclusion of temporary facilities such as in a refugee crisis. (This use case apply to general MFL management rather than a reconciliation tool.)
  - Search, Sort and Filter Data
    - Data Users - Find a facility by looking up a specific name, identifier or other field.
    - Sort by categories or organizational/admin hierarchies fields to simplify the browse experience.
    - Filter facilities by multiple attributes, such as ownership and facility type, so that I can determine the catchment area served by the area I manage.
    - Identify fields that are empty, so I can curate and complete the data as needed.
    - Share the results of a search by different mechanisms (spreadsheet/URL/JSON), so I can have other collaborators see the same results from my search criteria
    - View a group of facilities based upon their administrative zone.
    - Type a free text string and search for values across the data set, so I can quickly search facility information and access records
    - Create and edit one or more hierarchical fields to document geo-political or health reporting hierarchies, because these hierarchies change.
    - Create and edit other hierarchies to document data elements such as facility type, ownership type or operating status
    - Smart search completion.
  - List management - Features related to modifying the original data sources with results including correcting facilities, adding and removing facilities, or generally pushing updates to data sources. Process workflows developed for the Tanzania HFR can be found [here.](#)
  - Access the facility registry through an API with authentication and authorization-based retrieval of specific fields. This is using the tool as a front to the MFL.

Security and Administration

- Control permissions and access so that some data can be shared publicly and other data restricted

Open Data

- Production of regional lists - ability to pull from national lists and generate a regional facility list to assist in contact tracing during an epidemic

Other

- FRED API export and import. Issue: https://github.com/openhie/facility-recon/issues/4

- RTL language support. Issue: https://github.com/openhie/facility-recon/issues/26 See this meta issue on vuetify to estimate when support could land: https://github.com/vuetifyjs/vuetify/issues/262
- Ability to automate reconciliation or replay an existing reconciliation programmatically and download metadata on previous matching. Issue: https://github.com/openhie/facility-recon/issues/1
- See all information about a facility including the data fields, grouped and ordered in order to easily find specific details.