

Project Extensions

The following provides an outline of possible extensions and additions to the project for any future groups that may be developing the application further.

Project Overview

The objective of this project was to produce a minimal viable product that features 15 interactive queries, displaying the results from the queries visually as well as supporting the functionality to edit, delete and update nodes and links.

This has set the foundation for future improvements through the implementation of additional features. Primarily these improvements involve adding additional functionality to the Report Generation features, and building on database access and control.

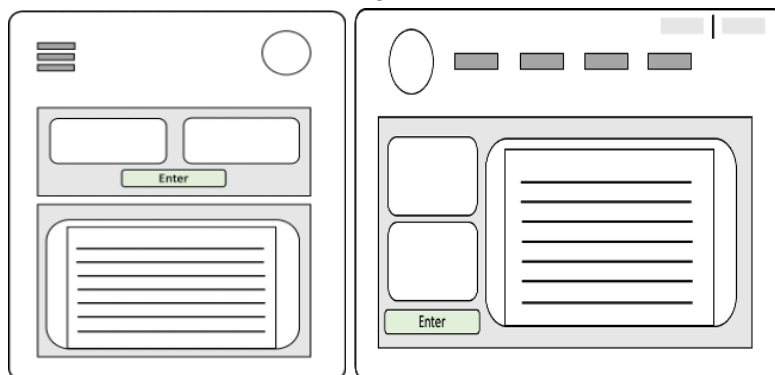
Database Access and Control

A formatted report/file could be input into the database via the web application to update or edit it. This could be achieved through a submission process, a database access point, or a web form that updates the backend and database with a supported file type.

Report Generation

Future updates may also include advancing the automatic generation of reports where the report types are determined by the use case, the user access and content requirements..

The current Report Generation functionality that has been implemented was modelled on the two visuals below. To extend this display, the current filter section could include the ability for users to define the inputs to generate the desired reports.



Other notable extensions

Besides the Report Generation, other potential extensions for the next development cycle include:

- Functionality to create a node and link simultaneously
- Support for sharepoint documents
- Addressing issues surrounding AuraDB integration
- Interactively add attributes to a node or a link
- Format the data in CSV file
- Add a list of pending users so that the admin can pick and choose who to whitelist.
- The tabular view could be clickable & navigable [the nodes can be clicked on]