

Help Documentation for Map Application

Name: Western University Interior Spaces Explorer

Version: 2.0

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Welcome to the help documentation for the Maps Application! This document will guide you on how to use the various features of the application.

Browsing Maps:

To browse through the maps for all of the supported buildings, simply select a building from the list provided. You can switch between buildings to browse through maps. The floors will be correctly labeled with floor numbers that match the floor plan map. You can also experiment with alternate layouts and navigation mechanisms like a drop-down box for buildings instead of an always-on-display list.

Scrolling Maps:

If the application's display is not big enough to accommodate a map in its entirety, you can scroll the map using scroll bars. Scrolling the map will work correctly with any POIs or layers currently displayed on the map. At least one map in the application is large enough to require scrolling.

Displaying Layers:

Each map can display and hide layers. Layers are collections of common POIs for the current map that fall under the same category, such as classroom, lab, restaurant, washroom, etc. Hiding a layer will hide all POIs that are grouped in that layer, while displaying a layer will show all of the POIs that are grouped in that layer. It is possible to display multiple layers at the same time. To turn the layers on and off, you can use toggle buttons embedded in a menu or have a pop-up screen for this. At a minimum, there is a layer for accessibility and a layer for washrooms. You can add additional layers that add more information than POIs if you think they would be useful.

Searching Maps:

To search for particular POIs in particular buildings, use the text-based search function. Input a string to search for that is matched against the POIs metadata (e.g. room number, description, name, etc.). Once you initiate a search for a POI, the map containing the POI is displayed, the POI is highlighted in some fashion on the map, and the map is scrolled to the correct location. In addition to highlighting the POI, a short description is displayed that includes the room number, title/name of the POI, and a description.

POI Discovery:

To discover what POIs are available on each map, you can access a list of POIs available on the currently displayed map. This list can be subdivided by POI category or organized in another way so long as it is possible for the user to find every POI on the current map, including user-defined POIs. Clicking on a POI in this list will display the POI on the current map, highlight it, scroll the map to its location (if required), and display a short description of the POI, including the POI's name/title, room number, and a short description.

We hope this documentation helps you navigate the Maps Application with ease. If you have any further questions or concerns, please feel free to contact us for assistance.

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