

Updated: 05/03/2023

USER HELP GUIDE

1. OVERVIEW

The purpose of this software is to make campus building navigation easier for Western University students. This software's main objective is to offer a user-friendly interface that enables students to look up individual rooms in a building, locate points of interest inside a building, and browse campus maps.

Since the institution's public data were used to build the software, it is based on the most recent and accurate data that is currently accessible. Students may be guaranteed that the programme will give them accurate information about the campus buildings and their contents as a result.

Users of the software can browse a list of available rooms or enter keywords to search for rooms in a building. The software also allows users to locate important locations within a structure, such as restrooms, elevators, and emergency exits. Students who are new to the campus or a particular building may find this information to be especially helpful.

Users of the app can also browse campus maps in addition to these functions. Students who need to navigate the campus for the first time or who are seeking for a specific spot-on campus will find this option to be especially helpful. Users of the maps can zoom in and out to better comprehend the layout of the campus and can use the maps to find directions to certain buildings or rooms.

Users can also develop and save their own points of interest using the software. Students who have unique requirements or preferences, such as a preferred study location or a preferred route between buildings, will find this option to be especially helpful. Users may quickly and simply browse the campus and find the resources they need to succeed in their studies by storing their own points of interest.

2. LOGIN PAGE

Upon opening the software, users will be presented with a login screen, prompting them to enter their username and password. If the user does not have an account and would like to register an account, they can select the sign-up button, where a new screen will pop up and they may create their username and password. Once the user has created their account, they will be taken back to the login page where they may sign in.

In the case that a user has entered incorrect credentials, they will receive a pop-up message informing them to try entering their information again. Once the user clicks okay, they will be taken back to the login screen to try again.

3. BUILDING SELECTION PAGE

Once the user has entered valid credentials, the building selection page will open. The building selection page serves the purpose of allowing users to select which building map they would like to explore. On this page there are three buttons on the left side of the screen, labelled with the name of the building each will take you to. The user may select whichever building they would like to see.

4. FLOOR SELECTION PAGE

Once the user has selected their desired building, the floor selection page will open. The floor selection page is very similar to the structure of the building selection page and serves the purpose of allowing users to select which floor map they would like to explore within the building. On this page there are three buttons on the right side of the screen, labelled with each floor they will take you to. The user may select whichever floor they would like to see.

5. MAIN SCREEN

Once the user has selected both their desired building and floor, they will then enter the main screen, where the scrollable map of the building on that floor will be displayed. At the top left of the screen, there will be 4 buttons that allow modifications.

The first button is the **Floor/Building** button. By clicking this button, the user will see a dropdown menu where they can select another building or floor to view. These buttons clicking either the floor selection or building selection button will take you back to the corresponding selection screen.

The second button is the **Layers** button. By clicking the layers button, the user will see a layers page pop up. On this page is the user will receive the option to toggle the layers of the map on and off (view on and off). On this layers page, there will be a menu of categories categorized by type (i.e. classrooms, service rooms, etc). If the user wants to exist the layers page, they can press the exit symbol, "x", at the top right of the layers page.

The third button is the **POI (Points of Interest)** button. When this button is clicked on, the user will see a dropdown menu that will display a list of features that may change the POIs. The first one is List of POIs. The list of POIs will open a pop-up page that displays a list of all the POIs by category. Next there is the Create a POI option. When the user clicks on this a new page will pop-up where they can create a POI of their choice. On this page, the user will be prompted with a text box for the title, room number, and description, and a section where they may set the POI's location. Next is the Edit POI option. Here the user will be prompted with a text box where they can edit the title, room number, description, and location of the POI of their choosing. Finally, there is Favorites option. This option will open a pop-up page that allows them to add, access,

and remove a POI from their favorites list. Every option in this list has a pop-up page that can be exited by clicking the exit page symbol, "x", on the top right corner of the page. Users can also click POIs on the map and will receive a pop-up bubble where they will see the POIs title, room number, description, and will have the option to favorite it.

The fourth button is the **Help/About** button. By clicking this button, the user will have the option of choosing the help page or about page by receiving a dropdown menu. The help page will open a PDF such as this one and the About page will open a new tab with information regarding the software's information and developers.

Additionally, there is also a **search bar** located on the top right where the user may enter whatever they would like to search for.

6. MAIN SCREEN (FOR ADMIN ONLY)

Before reading this section, it is important to note that most of the admin main screen information will be covered in section 5. This section will go over the two additional admin access points in the Point of Interest section of the software.

The "Create a built-in POI" feature is identical to the "Create a POI" feature (section 5) except instead, the POI will be stored persistently for all Users/Admins. Only Admins can access this feature, and it can be done by selecting the "* Create a built-in POI" under the Points of Interest tab.

The "Edit a built-in POI" feature is identical to the "Edit a POI" feature (section 5) except instead, the POI information update will be stored persistently for all Users/Admins. Only Admins can access this feature, and it can be done by selecting the "* Edit a built-in POI" under the Points of Interest tab.

7. ADDITIONAL CONTACT

If users have any more questions or concerns, they have access to the About page where they can see the contact information of every developer.