

User Manual

CS3733-D24 Prof. Wong

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<https://github.com/CS3733-2024-TeamO>

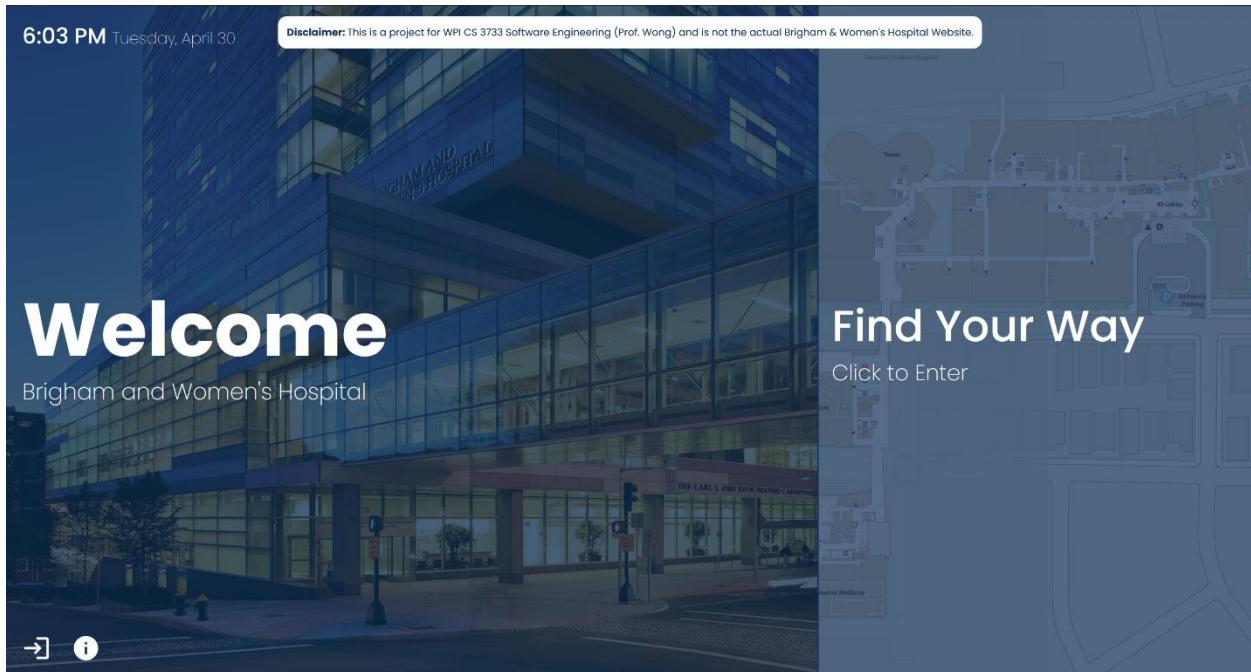
<https://brighamwomens.com/>

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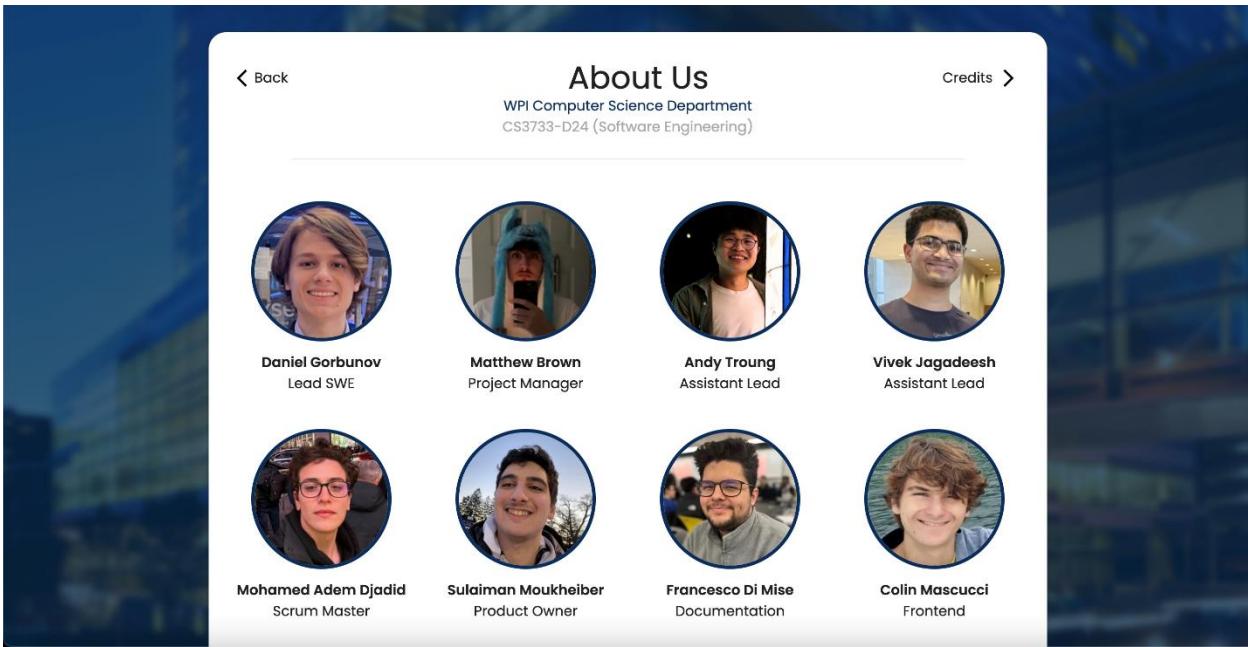
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Getting Started

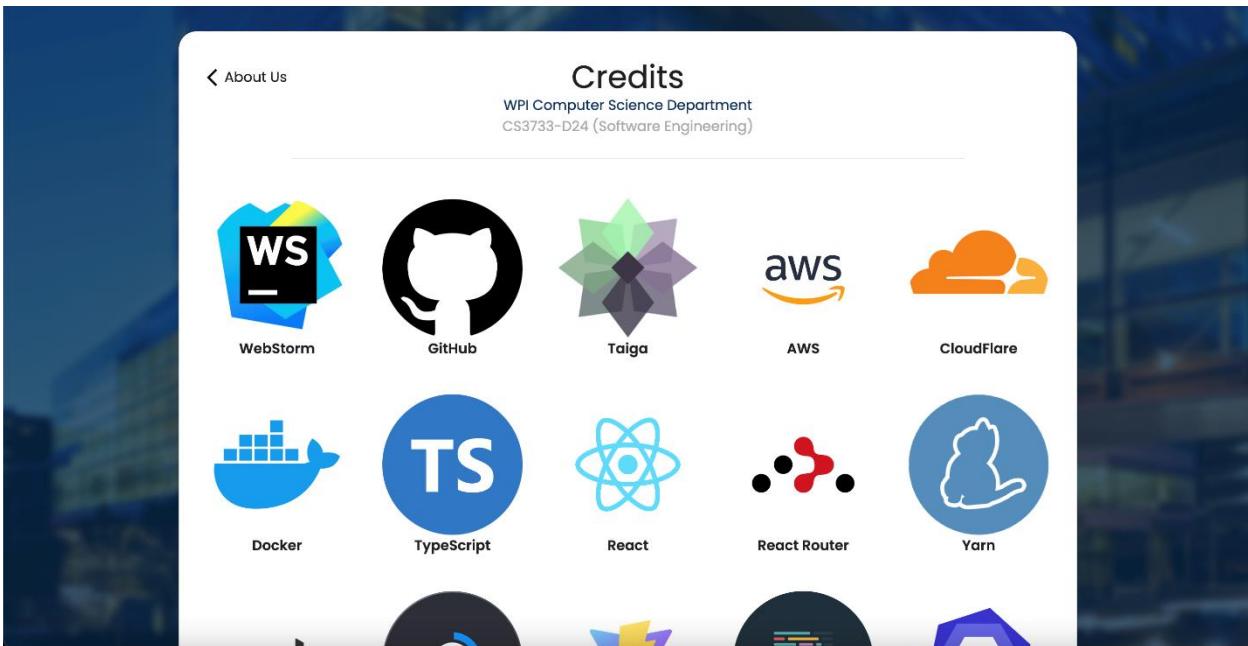
Landing Page, hero section



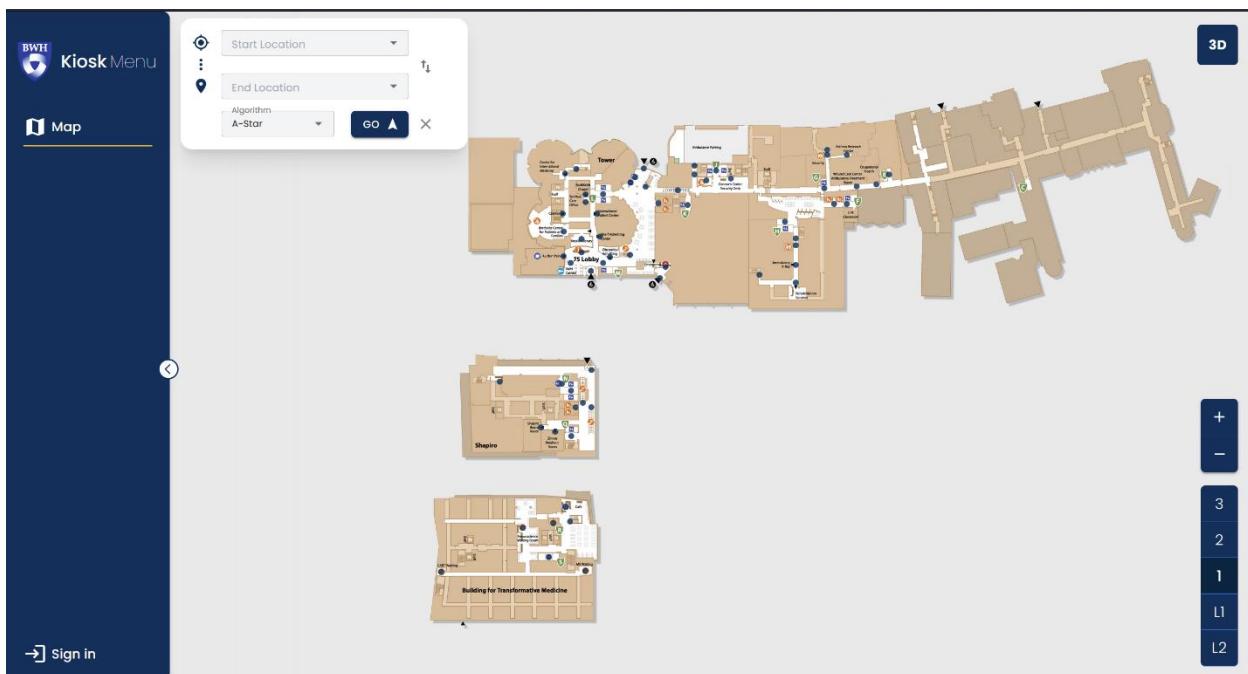
About Us page



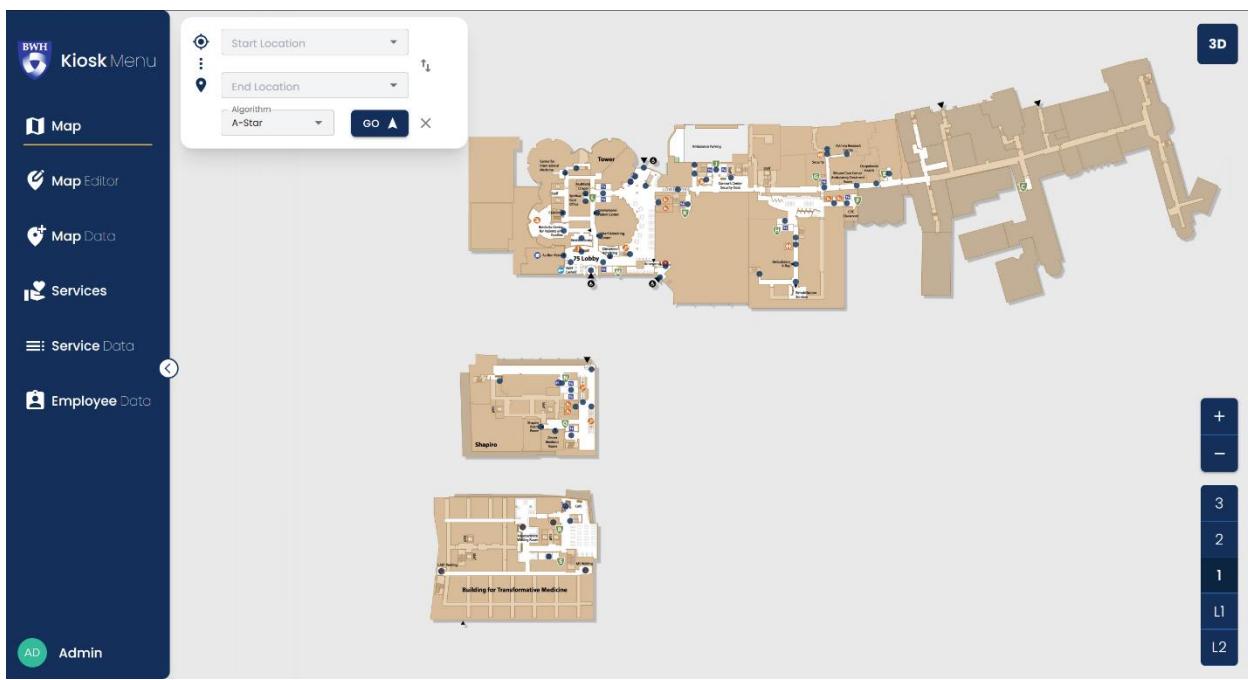
Credits page



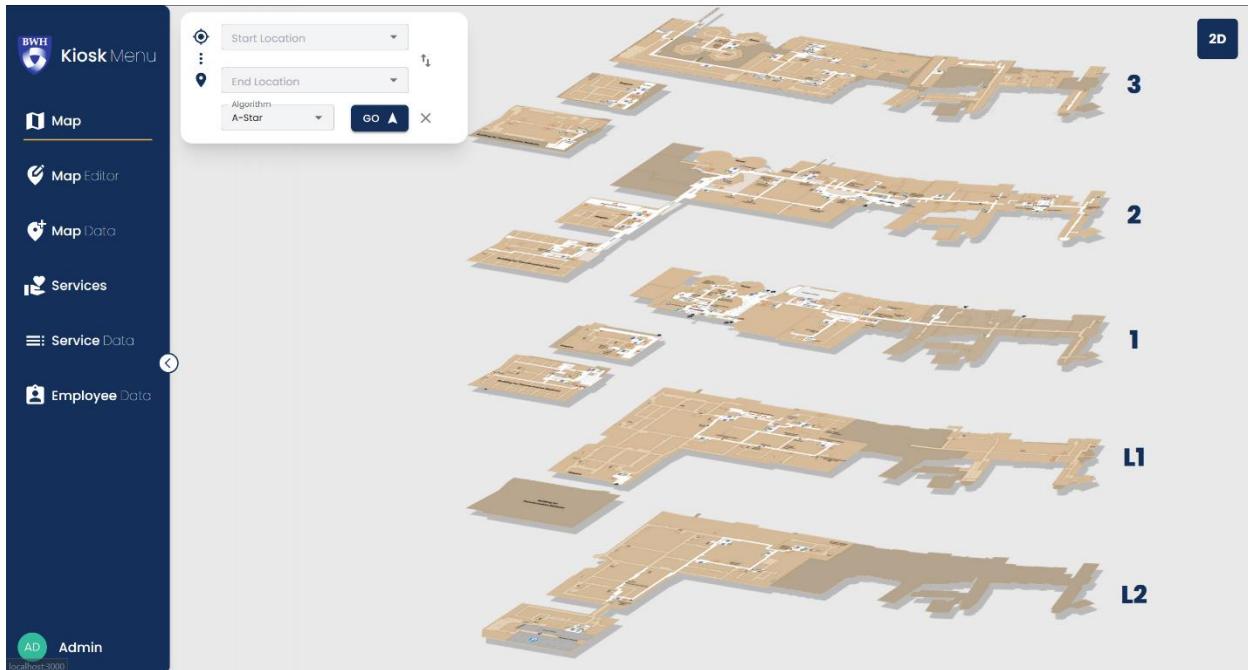
Home page: Map (Logged out)



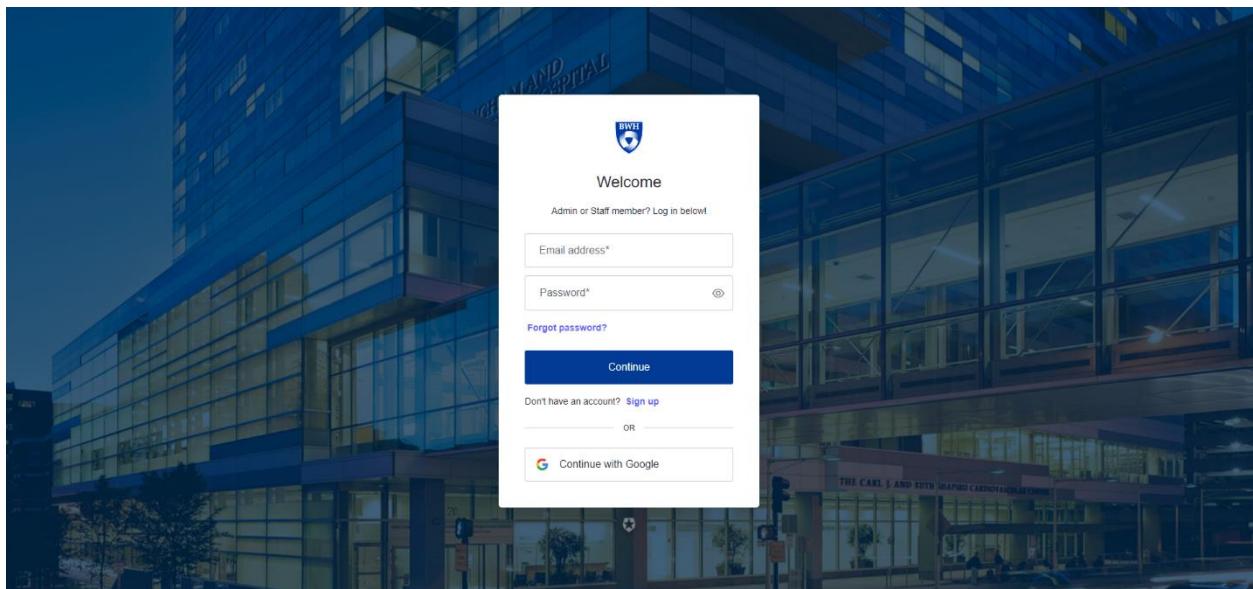
Home page: Map (logged in)



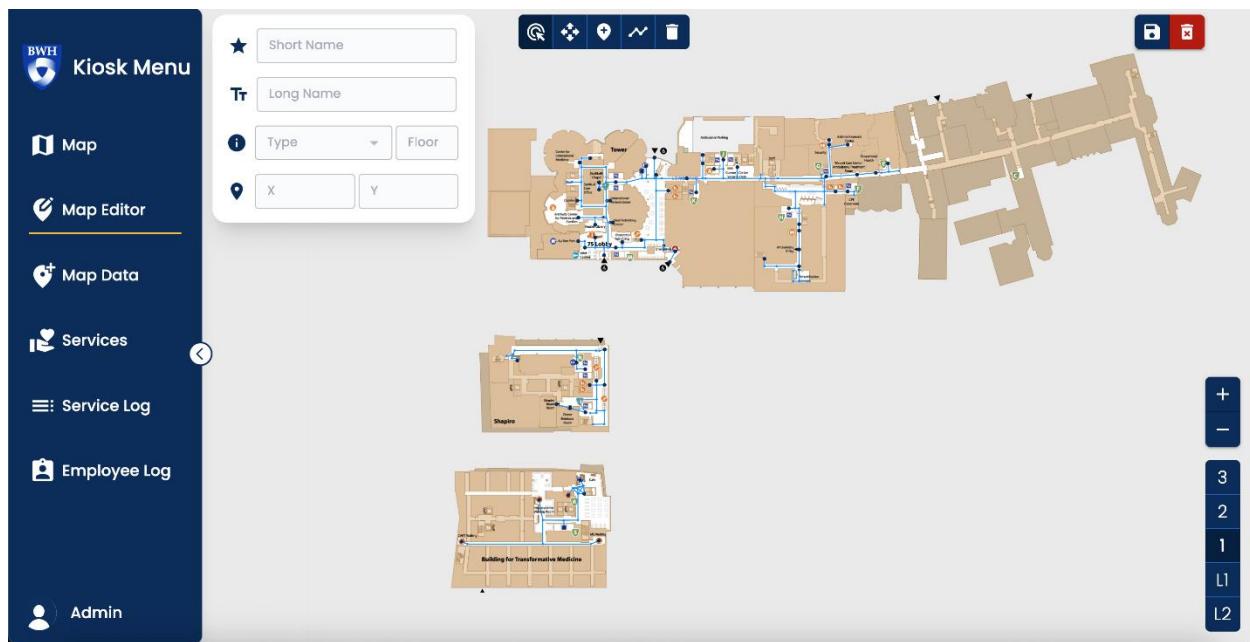
Home page: 3D Map screen



Login screen



Map Edit page



Map data page

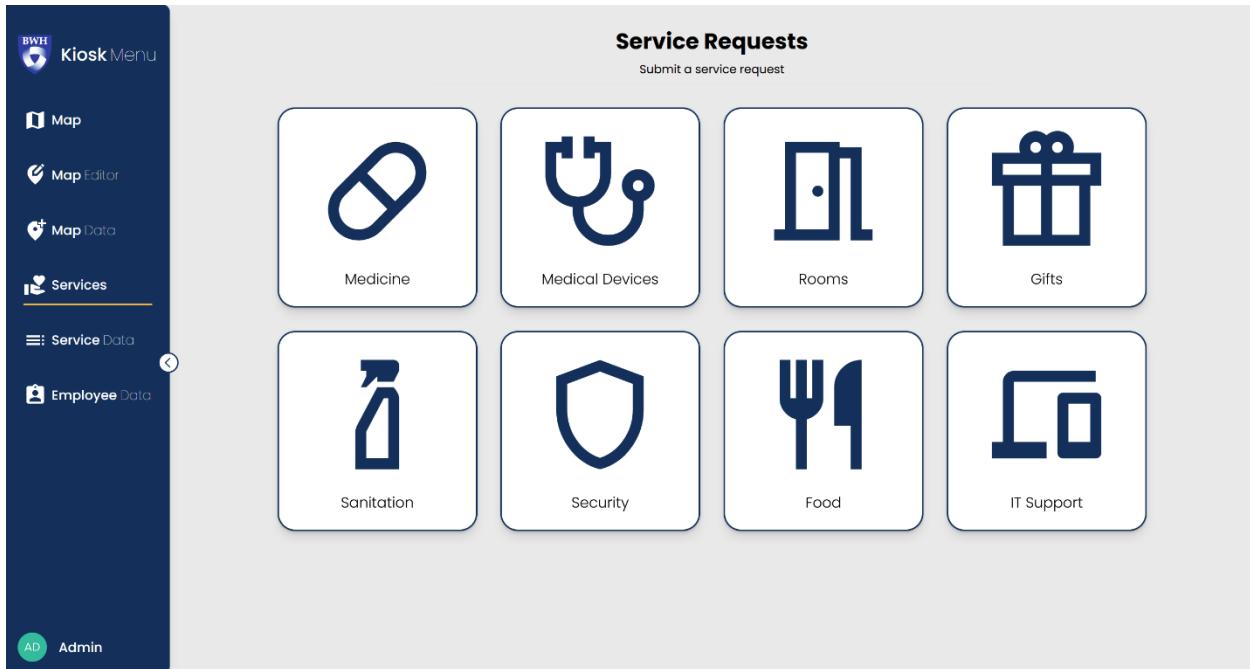
Map Data

View and modify map data files

Node Table						Edge Table	
NODE ID	XCOORD	YCOORD	FLOOR	BUILDING	NODE TYPE	LONG NAME	SHORT NAME
ACONF00102	1580	2538	2	BTM	HALL	Hall	Hall
ACONF00103	1648	2968	3	BTM	CONF	BTM Conference Center	BTM Conference
ADEPT00101	1401	2628	1	BTM	DEPT	Neuroscience Waiting Room	Neuro Waiting Room
ADEPT00102	1395	2674	2	BTM	DEPT	Orthopedics and Rheumatology	Orthopedics and Rheumatology
ADEPT00201	1720	2847	1	BTM	DEPT	MS Waiting	MS Waiting
ADEPT00301	986	2852	1	BTM	DEPT	CART Waiting	CART Waiting
AELEV00S01	1534	2777	1	BTM	ELEV	Elevator S 01	Elevator S 1
AELEV00S02	1532	2777	2	BTM	ELEV	Elevator S 02	Elevator S 2
AELEV00S03	1539	2773	3	BTM	ELEV	Elevator S Floor 3	Elevator S 3
AELEV00SL2	1630	2742	L2	BTM	ELEV	Elevator S L2	Elevator S L2

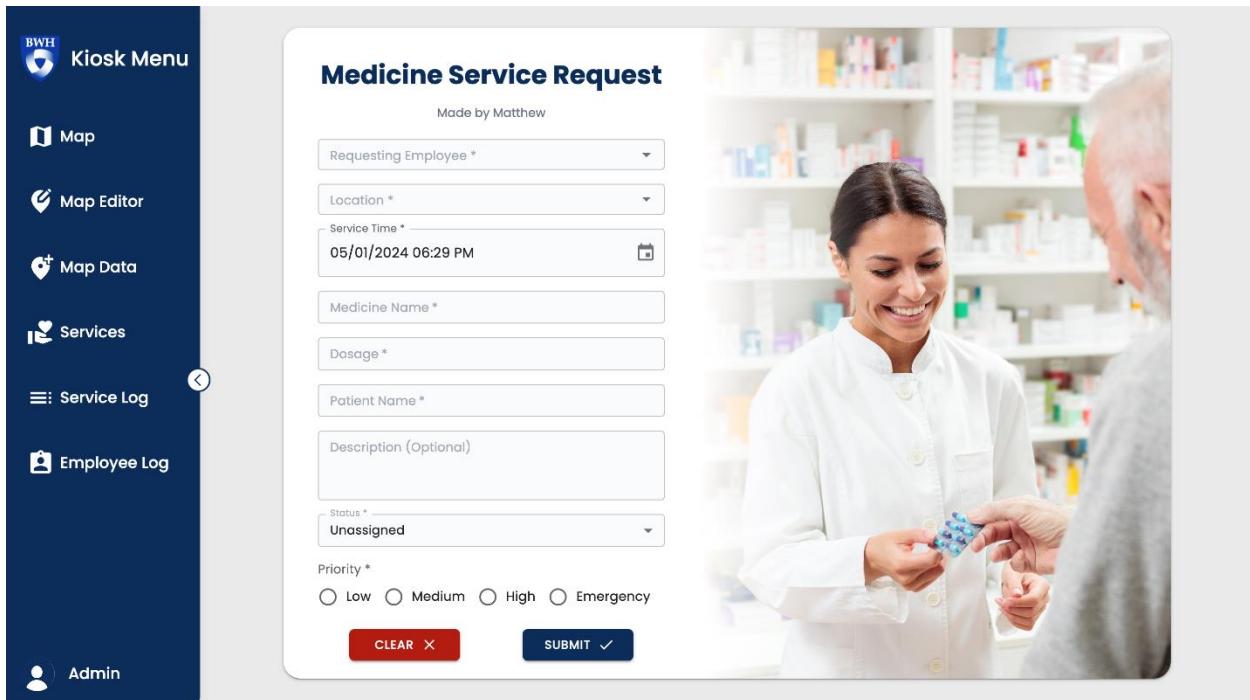
Rows per page: 10 | 1-10 of 581

Service request selection page



The screenshot shows the 'Service Requests' section of the Kiosk Menu. On the left, a vertical sidebar lists 'Map', 'Map Editor', 'Map Data', 'Services' (which is selected and highlighted in yellow), 'Service Data', 'Employee Data', and 'Admin'. The main area is titled 'Service Requests' with a sub-instruction 'Submit a service request'. It features eight service categories arranged in a 2x4 grid: Medicine (pill icon), Medical Devices (stethoscope icon), Rooms (door icon), Gifts (gift box icon); Sanitation (detergent bottle icon), Security (shield icon), Food (fork and knife icon), and IT Support (server icon). Each category has a small description below its icon.

Service request form page (example used: Medicine Request)



The screenshot shows the 'Medicine Service Request' form. The left sidebar is identical to the previous screen, showing 'Services' as the active tab. The main form is titled 'Medicine Service Request' and is made by 'Matthew'. It includes fields for 'Requesting Employee *' (dropdown), 'Location *' (dropdown), 'Service Time *' (date/time picker set to '05/01/2024 06:29 PM'), 'Medicine Name *' (text input), 'Dosage *' (text input), 'Patient Name *' (text input), 'Description (Optional)' (text area), and 'Status *' (dropdown set to 'Unassigned'). Below these are priority options: 'Priority *' with radio buttons for 'Low', 'Medium', 'High', and 'Emergency'. At the bottom are 'CLEAR X' and 'SUBMIT ✓' buttons. To the right of the form is a photograph of a female pharmacist in a white coat smiling while handing over a prescription to a patient.

Service data page (No active service requests)

The screenshot shows the 'Service Request Data' page under the 'Service Data' section of the Kiosk Menu. The page title is 'Service Request Data' and the subtitle is 'View service request data'. A search bar and a filter button are at the top. Below is a table with columns: SERVICE ID, TYPE, STATUS, PRIORITY, REQUESTING USERNAME, LOCATION, DESCRIPTION, ASSIGNED TO, and REQUESTED TIME. The table is currently empty.

Employee data page

The screenshot shows the 'Employees' page under the 'Employee Data' section of the Kiosk Menu. The page title is 'Employees' and the subtitle is 'View and modify all employee data'. A search bar and a filter button are at the top. Below is a table with columns: EMPLOYEE ID, NAME, USERNAME, POSITION, and ROLE. The table lists nine employees:

EMPLOYEE ID	NAME	USERNAME	POSITION	ROLE
0	Matthew Brown mbrown@teamOD24.com	mjbrown	Janitor	Admin
1	Vivek Jagadeesh vjagadeesh@teamod24.com	vjagadeesh	Doctor	Staff
2	Daniel Gorbunov dgorbunov@teamOD24.com	dgorbunov	Nurse	Admin
3	Francesco Di Mise fmiise@teamOD24.com	fmiise	Security	Staff
4	Mohamed Adem Djadid mdjadid@teamOD24.com	mdjadid	Doctor	Admin
5	Taeja Song tsong@teamOD24.com	tsong	Security	Staff
6	Colin Masucci cmasucci@teamOD24.com	cmasucci	Security	Staff
7	Sulaiman Moukheiber smoukheiber@teamOD24.com	smoukheiber	Doctor	Admin
8	Andy Truong atruong	atruong	Nurse	Staff

User profile page

The screenshot displays a mobile application interface with a dark blue sidebar menu and a light gray main content area.

Left Sidebar (Kiosk Menu):

- Kiosk Menu
- Map
- Map Editor
- Map Data
- Services
- Service Log
- Employee Log

Top Right Content Area:

Your Account

Admin

CHANGE PASSWORD

LOG OUT

DELETE ACCOUNT

Bottom Right Content Area:

Charts and Graphs

BAR PIE

Legend: Oilt, Device, Medicine, Rooms, Sanitation, Security, Food, IT

My Services All Services

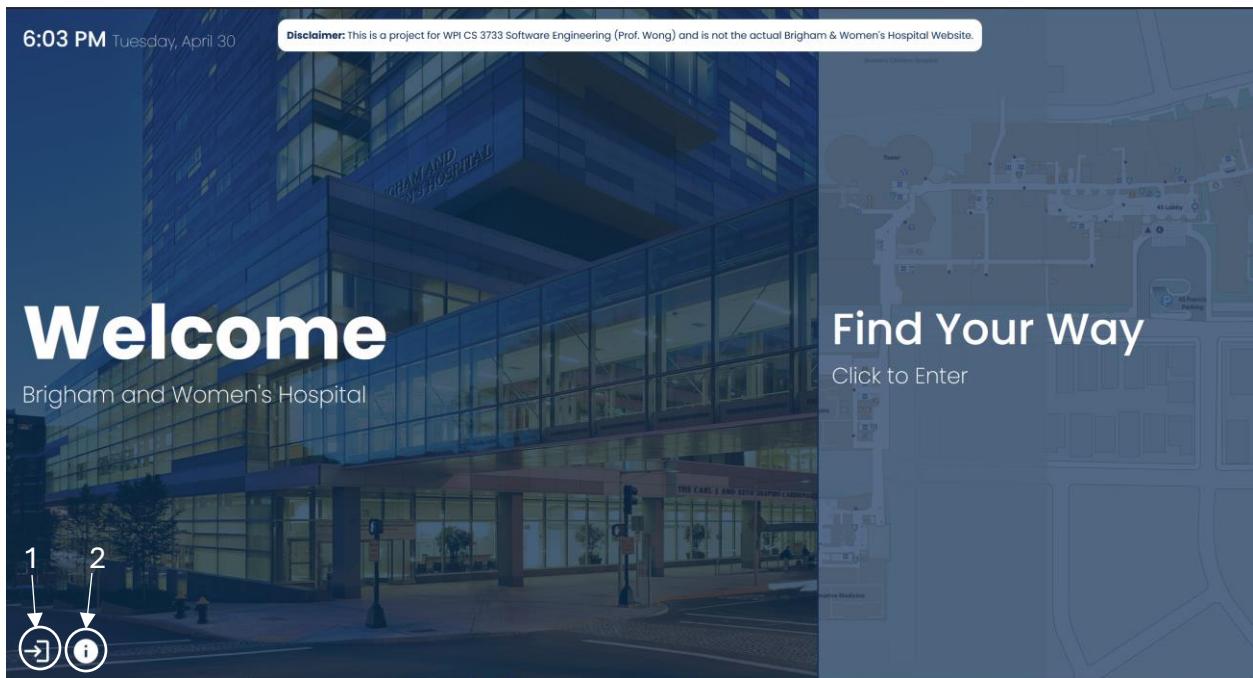
Personal Service Requests

ID	Type	Status	Priority
0-0 of 0 < >			

Website Navigation and Features

The Landing Page

When the website is first opened, the first page that is seen is this landing page. At the top, a pop-up will display a disclaimer that disappears after a few moments. The top left of the screen displays the time and date located at Brigham and Women's Hospital, while the background displays an image of the hospital on the left side and a portion of one of the floor's maps on the right. When mousing over the map portion of the screen, the section will expand, revealing more of the map. At the bottom left, two icons are visible: a 'Login' button (1), and an 'About' button (2) that will navigate to the 'About Us' and 'Credits' Pages.

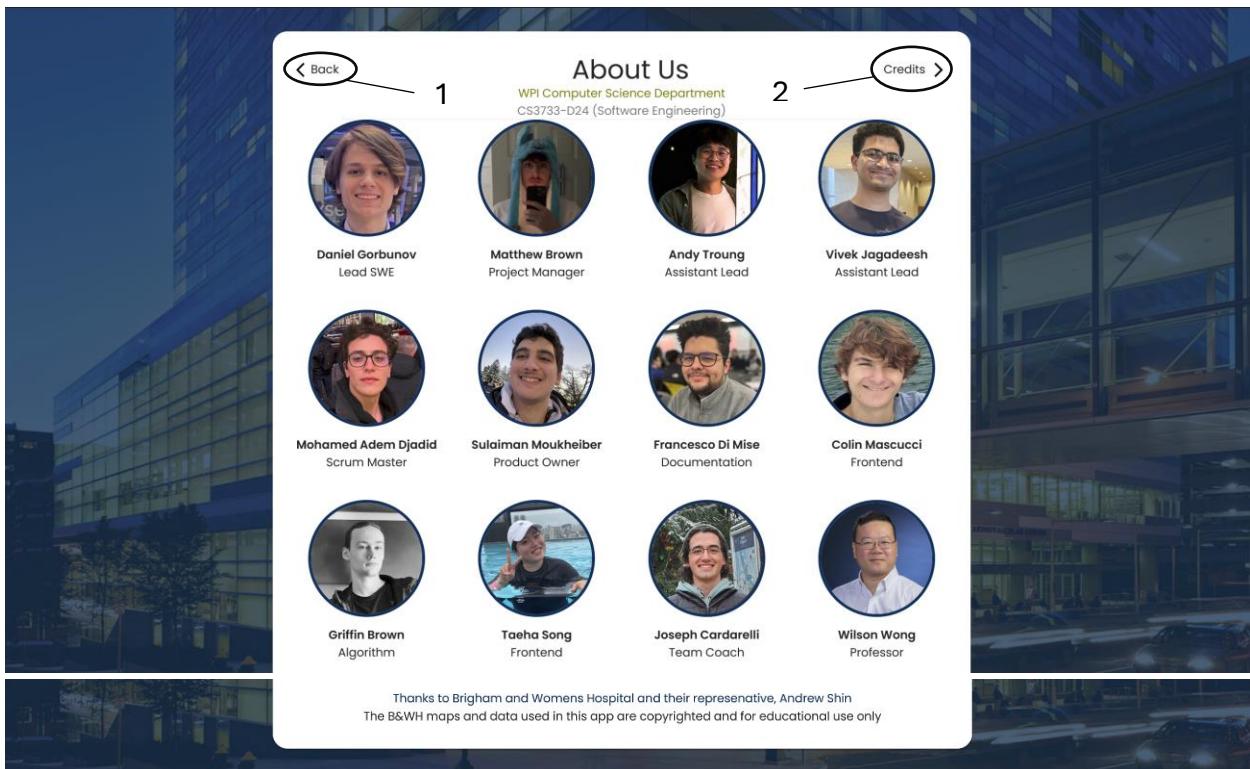


Landing Page

About Page and Credits Page

About Page

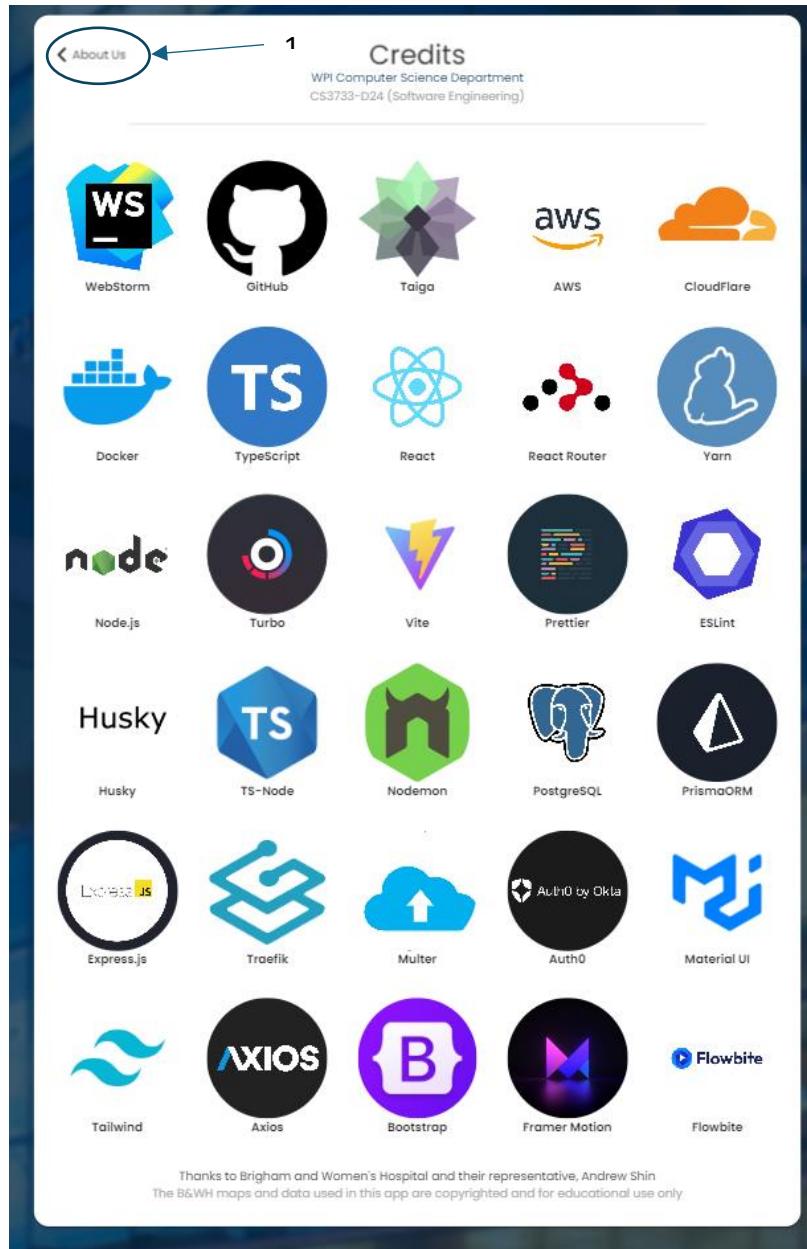
Pressing the ‘About’ button navigates to the ‘About Us’ Page. Here, each team member is displayed, alongside important people involved with the project. Hovering over a portrait reveals that person’s favorite quote. At the bottom is a thank you message to Brigham and Women’s Hospital, along with an additional disclaimer. Pressing the ‘Back’ button (1) navigates back to the landing page. Pressing the ‘Credits’ button (2) changes the screen to the ‘Credits’ Screen.



Full About Us page

Credits Page

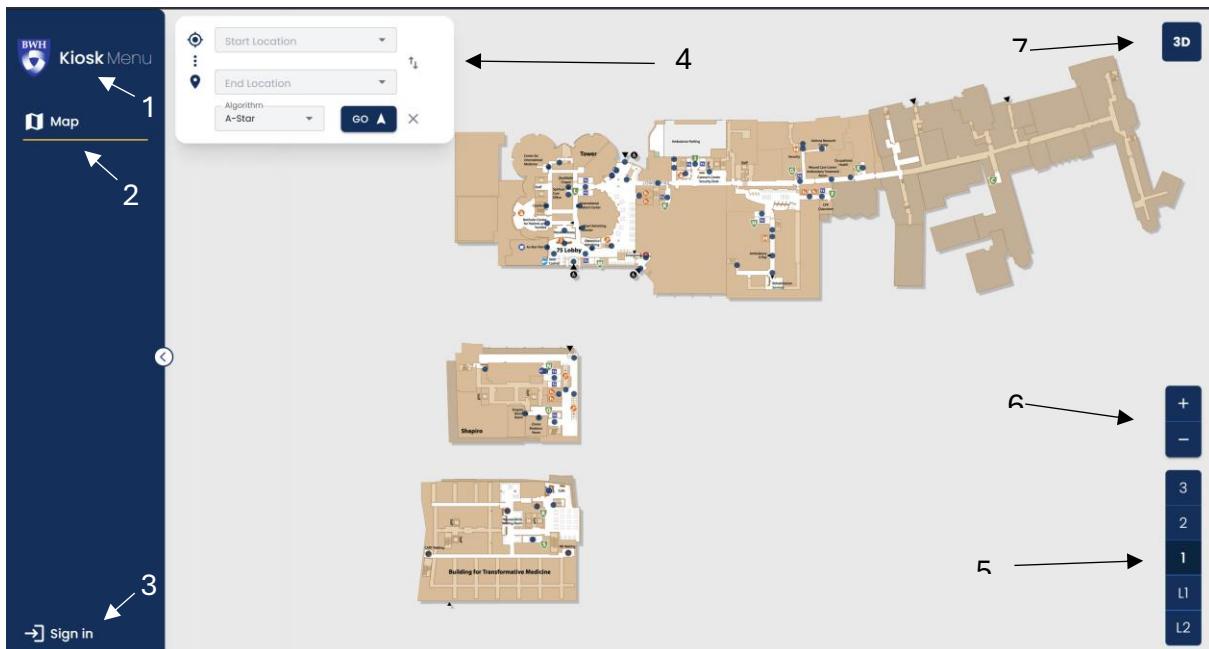
Pressing the ‘Credits’ button changes the screen to the ‘Credits’ screen. Each software tool, software library, and framework used in the project is listed here. Each tool is listed with their logo, which serves as a link to their website. The same ‘thank you’ note and disclaimer from the ‘About Us’ page are present on this page. Pressing the ‘About Us’ button (1) navigates back to the ‘About Us’ page, and from there, pressing the ‘Back’ button navigates back to the Landing page.



Full Credits Page

Map Page

On the Landing page, clicking on the right-hand portion of the screen (where the map appears) navigates to the Map Page. The taskbar on the left-hand side of the screen will only display the logo, Map Page icon, and Login icon if the user is not logged into an authorized account. Clicking on the Logo (1) navigates back to the Landing page. Clicking the Map icon (2) does nothing when on the Map page. Pressing the Login icon (3) takes the user to the Login screen. Additionally, the navbar at the left-hand side, which contains the logo, map icon, etc., can be collapsed by clicking the arrow button.

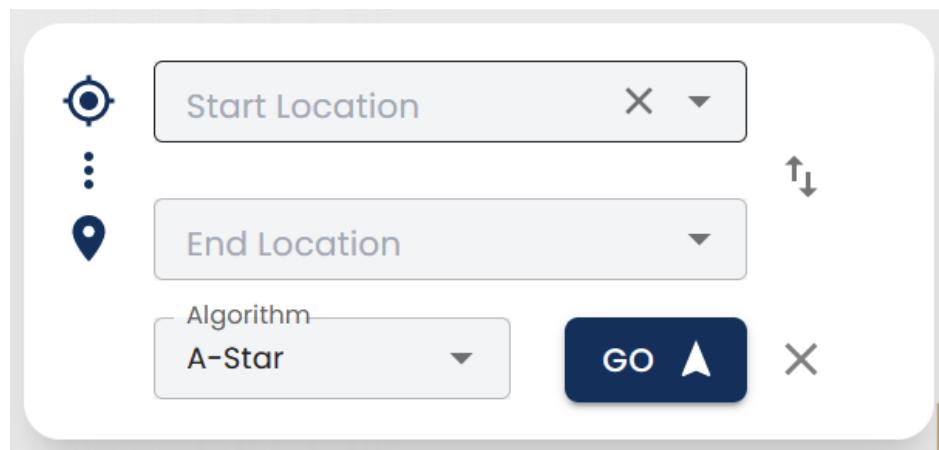


Map Page (Not logged in)

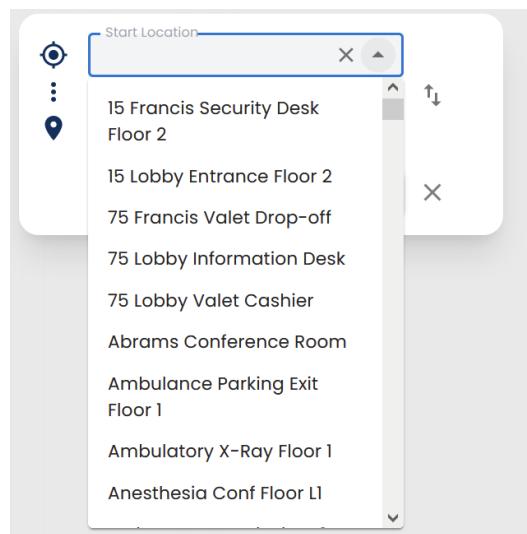
There are four major elements present on this page: the navigation card (4) in the top left corner, a floor selector (5) in the bottom right corner to switch between the floor maps, zoom buttons (6) just above the floor selector, and a '3D' button (7). Clicking the '3D' button toggles the map to a 3D view, and will be replaced with a '2D' button that toggles the map back to a 2D view. Navigation will be maintained when toggling between 2D and 3D map view. Clicking the zoom buttons (6) allows the user to zoom on the map; the user can also zoom on the map by using either a touchpad (either by pinching or dragging two fingers up/down) or a mouse wheel. Clicking and dragging allows the user to pan through the map.

Map page: Navigation

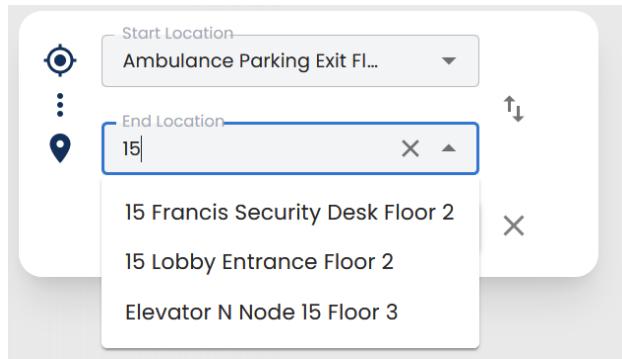
On this page, the user can navigate between ‘nodes’, or locations in the hospital, represented by blue circles on the map. This can be done in two ways: the user can select locations from the location dropdowns or they can click the nodes on the map, after which they press the ‘Go’ button in the Navigation card to initiate navigation. Adjusting locations, along with other functionalities, can be accessed within the ‘Navigation’ card in the top left corner of the map (4).



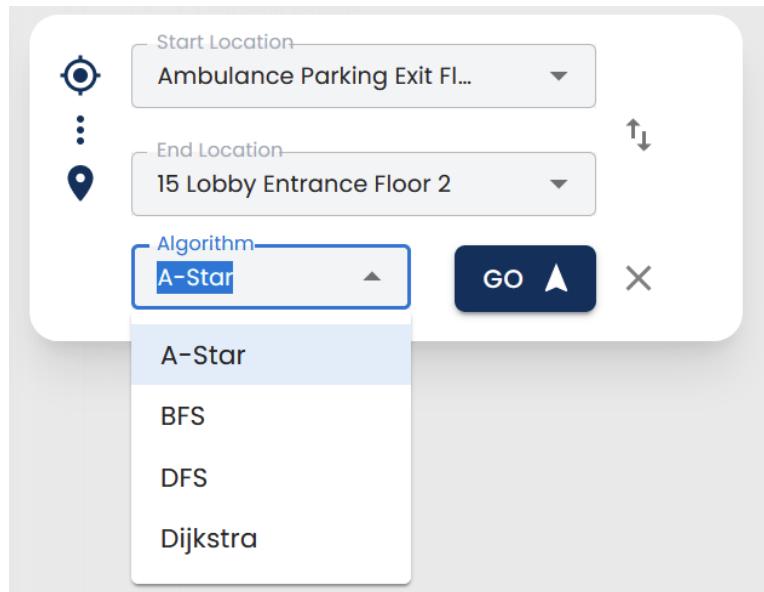
Navigation Card



Navigation card with one location dropdown expanded



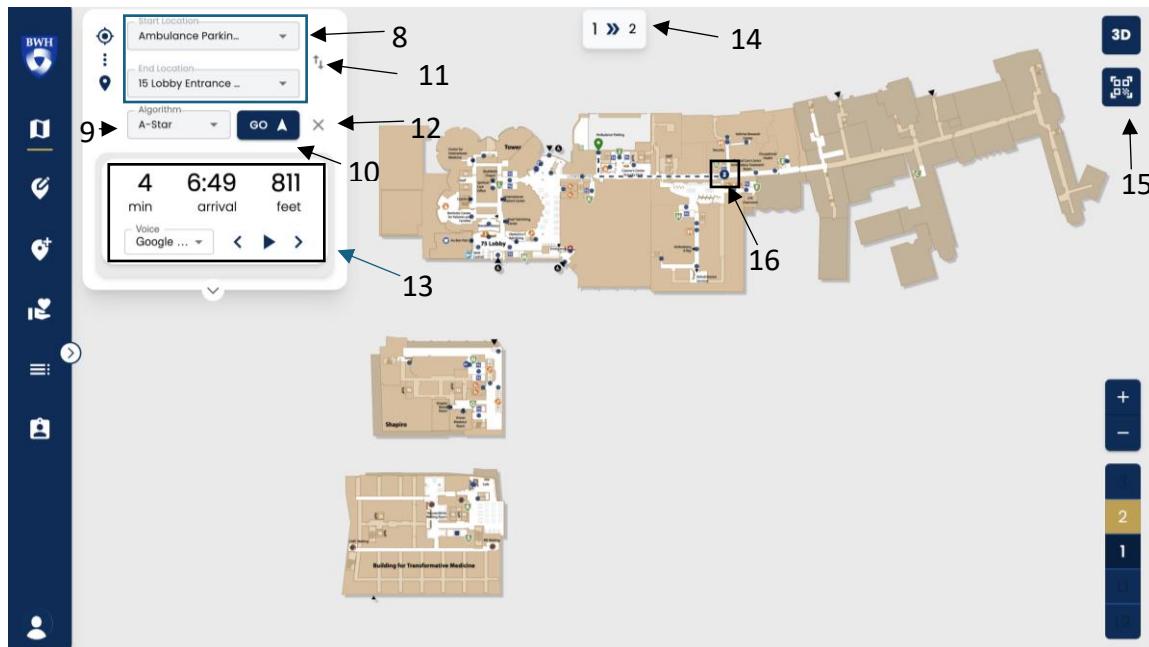
Locations can be searched for in the dropdowns



Possible algorithms in the Algorithm dropdown. We will continue with A-Star

The Navigation card contains two location dropdowns (8), and Algorithm dropdown (9), a ‘Go’ Button (10), a ‘Swap’ button (11), and a ‘Clear’ button (12). When two locations are selected (either through the location dropdowns or by clicking on nodes on the map), the user can then press the ‘Go’ button (10); this will begin navigation. The user can select a different pathfinding algorithm from the ‘Algorithm’ dropdown (9) - a new algorithm will only be applied to the navigated path after the user presses the ‘Go’ button (10). The ‘Swap’ button (11) swaps the two locations with each other, even if one is blank. Note: swapping locations will not immediately re-create the path. The navigation will only update

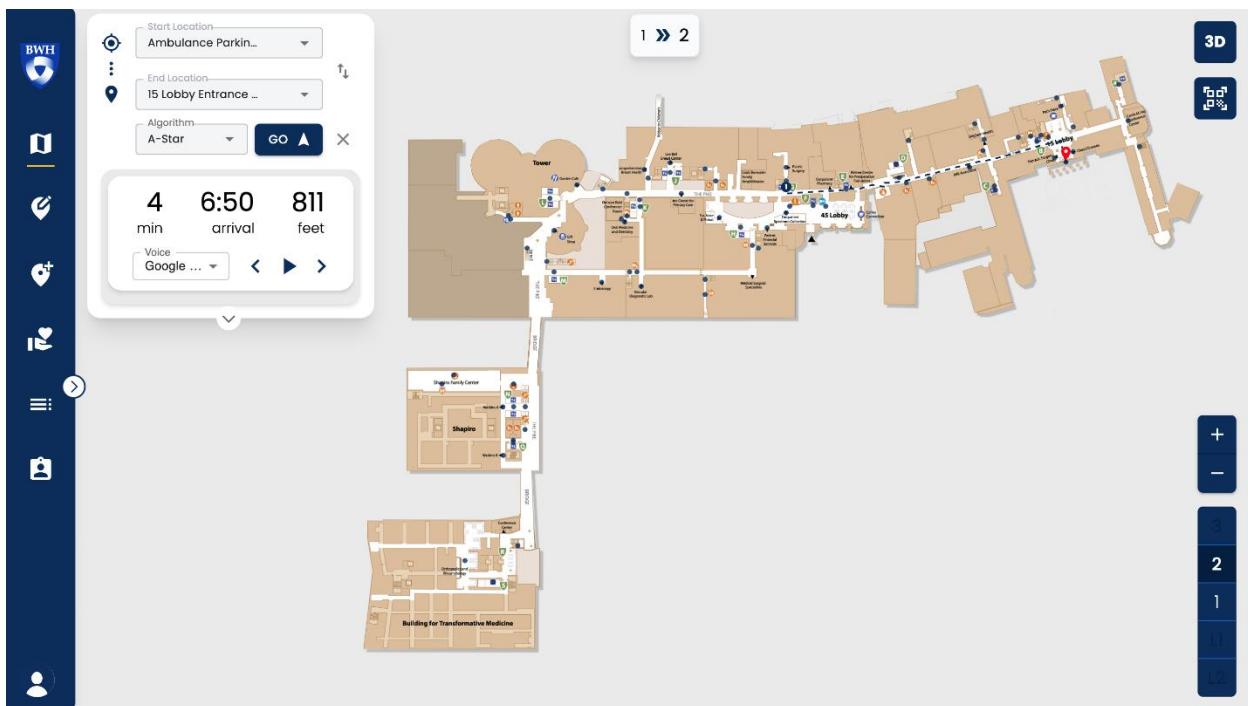
once the user presses the ‘Go’ button. Finally, the ‘Clear’ button (12) resets all aspects of navigation – the dropdowns will be cleared, the drawn path will be removed, the map will zoom out to its original size and location, and all floors will be enabled.



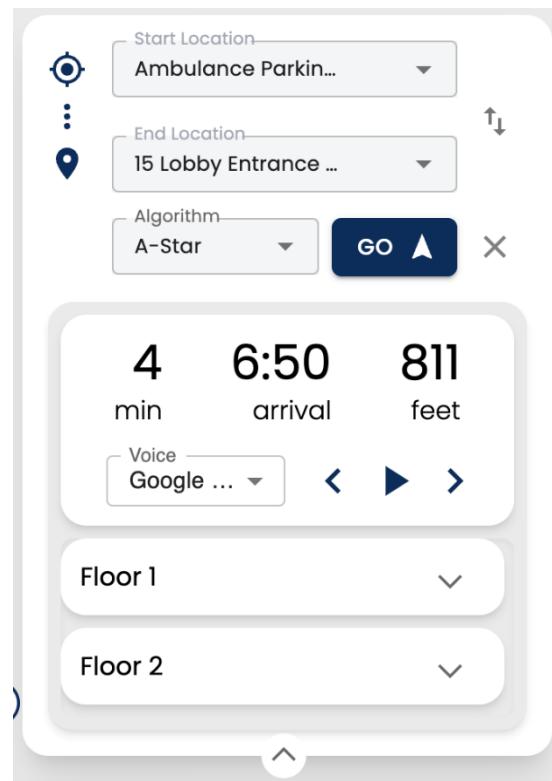
Map page, with navigation active

When a user begins navigation, several new elements will now appear on-screen, including textual directions (13) attached to the Navigation card (4), a display that indicates which floors will be traveled through (14), a ‘QR code’ button (15), and the navigation path. Additionally, the floor selector (5) will have an altered appearance, where floors not used in navigation will appear greyed out, and the next floor to travel to (if relevant) will flash with an orange color.

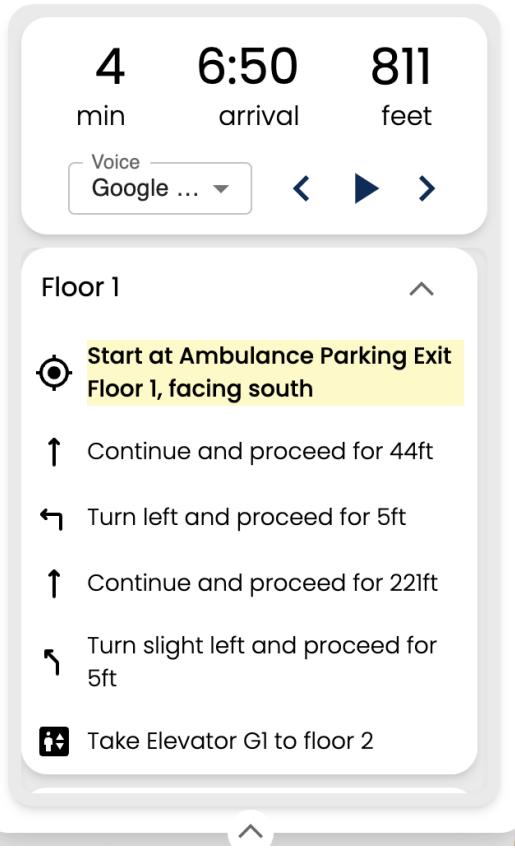
An animated dashed line will appear between the selected locations, both of which are indicated by a green marker for the starting location and a red marker for the destination. The line animation indicates the direction the user must travel to follow the path. If the path created for navigation requires the user to travel to another floor, the path will continue until an elevator or stairs, and will indicate a floor change with a large blue circle (16) containing the floor number the path leads to. Clicking on either that circle (16), the next floor in the floor selector (5), or the next floor in the floor path display (14) will take the user to the next floor required to continue.



The map, upon moving to the next floor



Navigation card with textual directions expanded



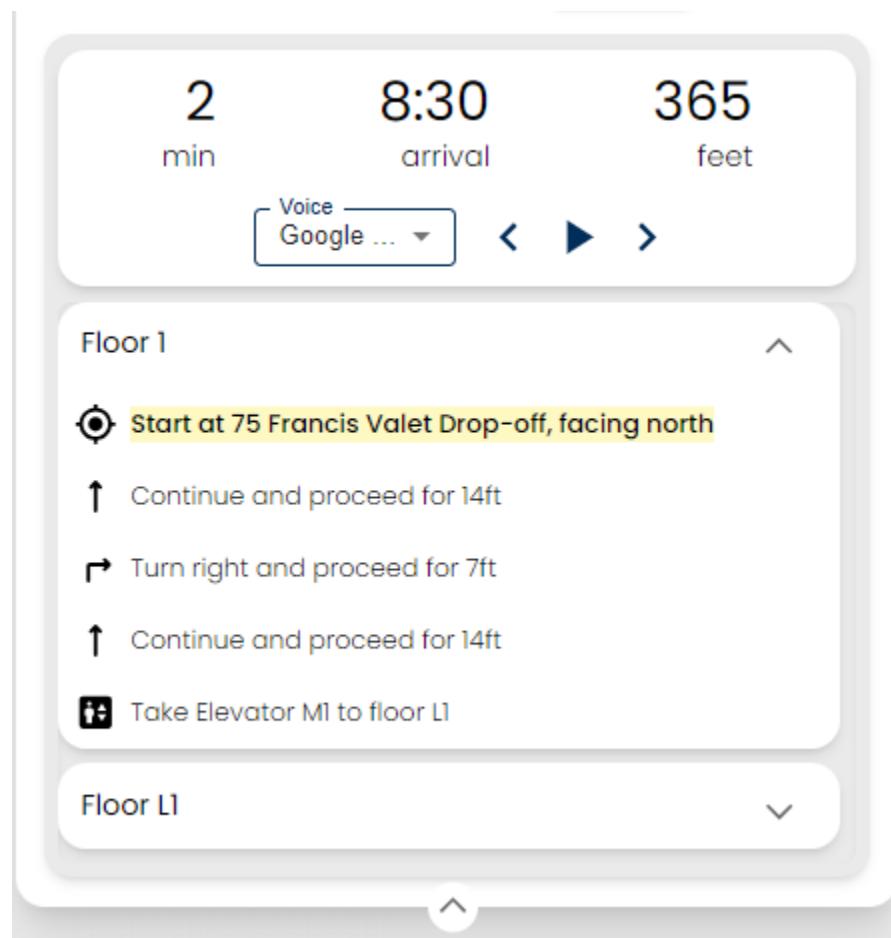
Map card when one floor's directions are expanded

The textual directions (13) attached to the Navigation card (4) are collapsed by default, displaying only the time to travel, the estimated time of arrival (ETA), and the distance covered by the path (in feet). By clicking on the arrow, the textual directions can be expanded to show specific directions grouped by the floor they apply to. Clicking the arrow attached to a mfloor's specific card expands that floor's directions, displaying the directions with icons, specific location names, and distances. Expanded directions can be scrolled to view their full scope.

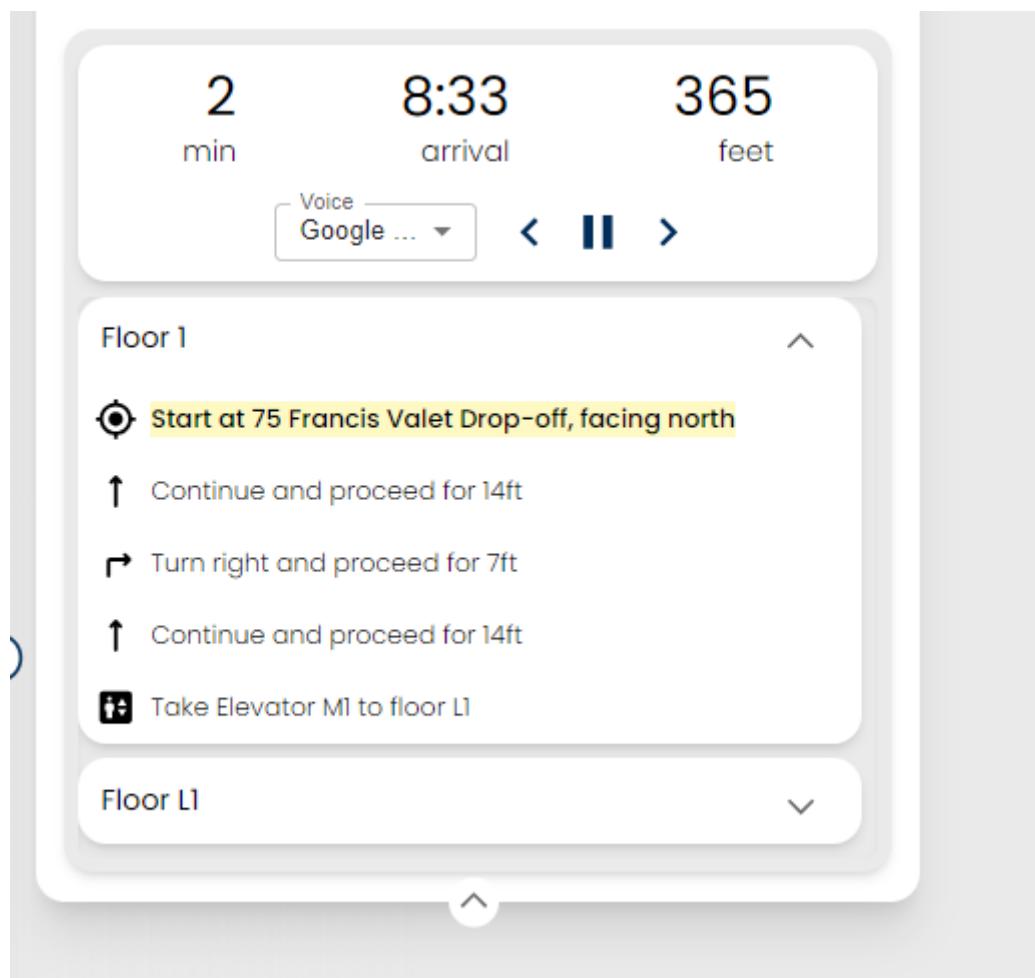
Map page: Text to speech

To start text-to-speech, click the play button. This will begin the text-to-speech process by reciting the first line on the current floor (highlighted). To continue to the next step in navigation, click the right arrow. To navigate back to the previous step, click the left arrow. Text-to-speech can also be paused by clicking the pause button that replaces the

play button. When the final step on a floor has been reached, using the right arrow to the side of the play button will expand the next floor of textual directions, collapse the previous one, and begin narrating the first step of the next floor. If on the first step of a floor's direction and a previous floor exists, using the left arrow will collapse the current floor, expand the previous floor, and begin narrating the final step of the previous floor. The voice dropdown currently defaults to "Google US English" and can be changed to a variety of other options.



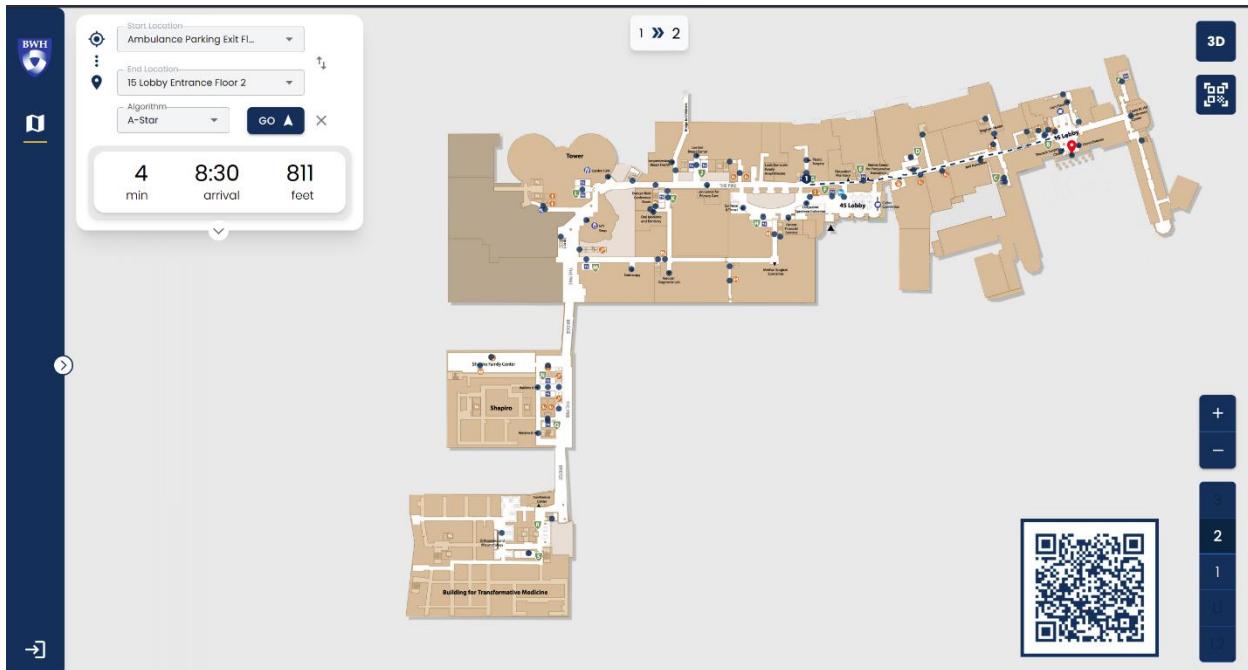
Text to speech UI when playback has not started



Text-to-speech UI when playback has started

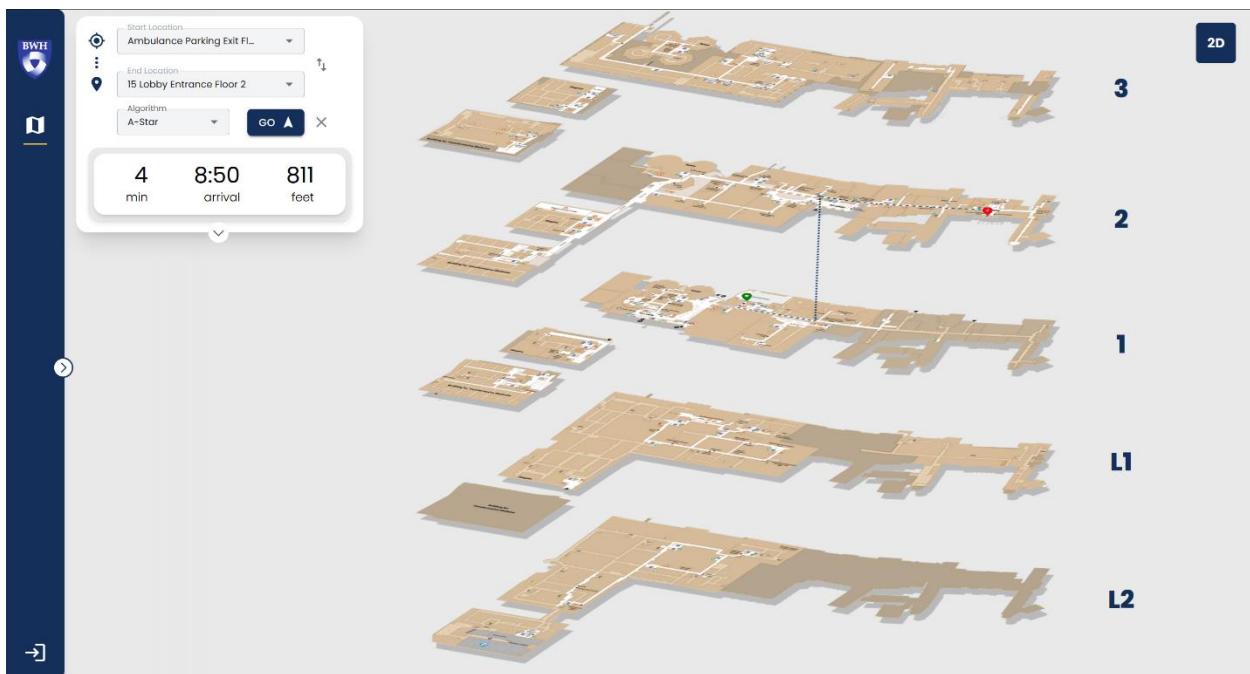
Map page: QR code

When navigation is initiated, a ‘QR code’ button (15) will appear in the top right, below the ‘3D’ button (7). Clicking on this ‘QR code’ button will cause a QR code to be generated (15), which will appear in the bottom right corner, next to the floor selector. Scanning this code with a mobile device will link to a site in a mobile browser, containing textual directions similar to those found on the website (13).



Map Page: 3D Map

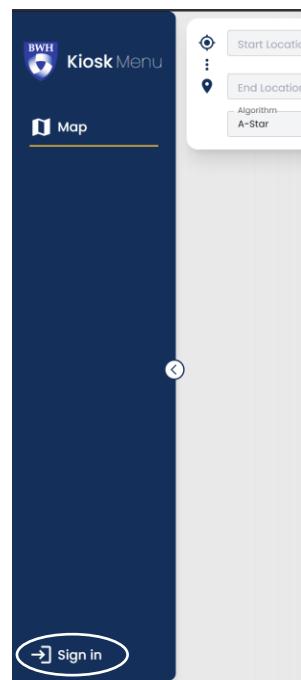
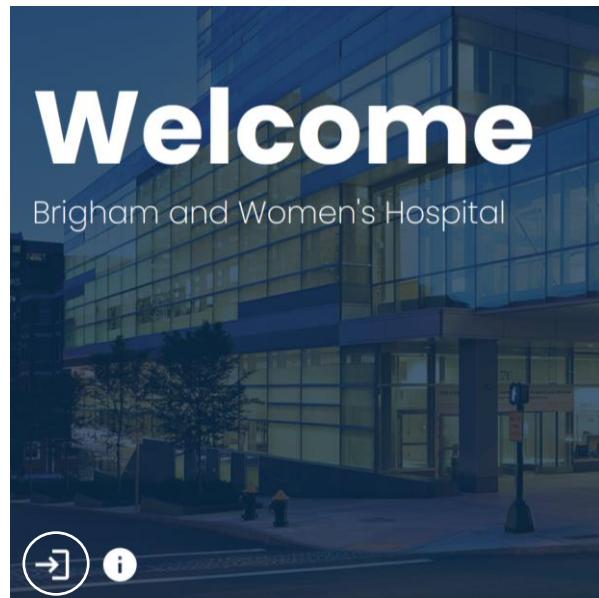
When clicking the '3D' button (7) in the top right corner, the map is toggled to appear in a 3D view. If navigation is underway, the path will continue to appear with an animated dashed line and start/destination indicators. The '3D' button will also now be replaced with a '2D' button (7), which toggles back to the 2D map. As previously mentioned, toggling between 2D and 3D map view maintains the navigation, if it is active. The 3D view of the map can also be zoomed and panned similarly to the 2D view. Clicking the floor number next to a map will switch the map to the 2D view on the selected floor.



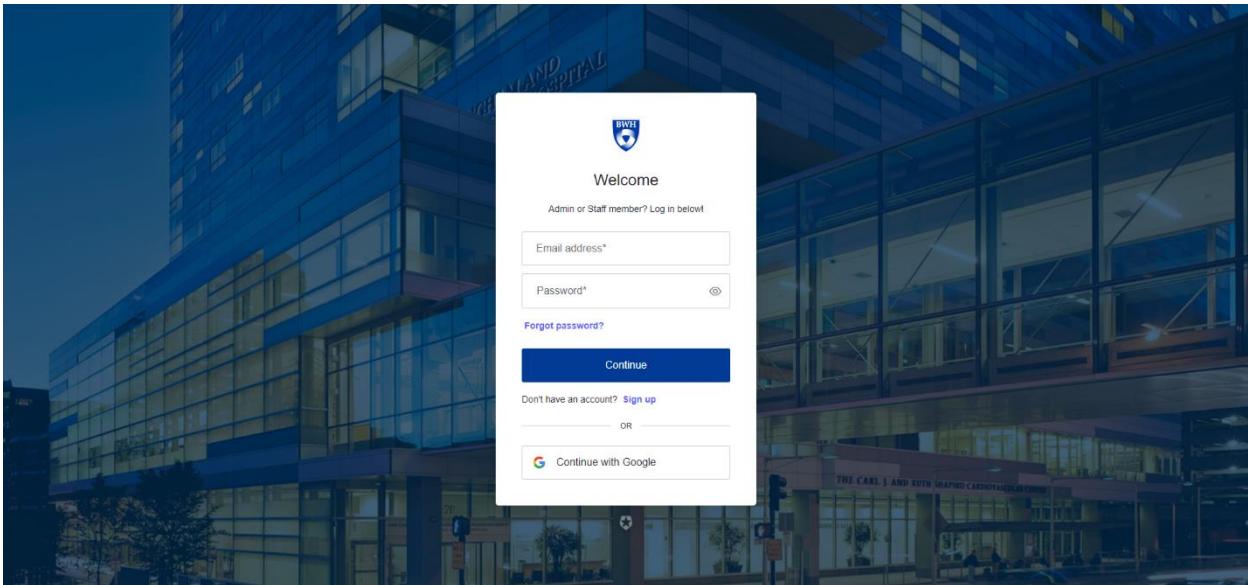
Map page once map is toggled to 3D

Logging in

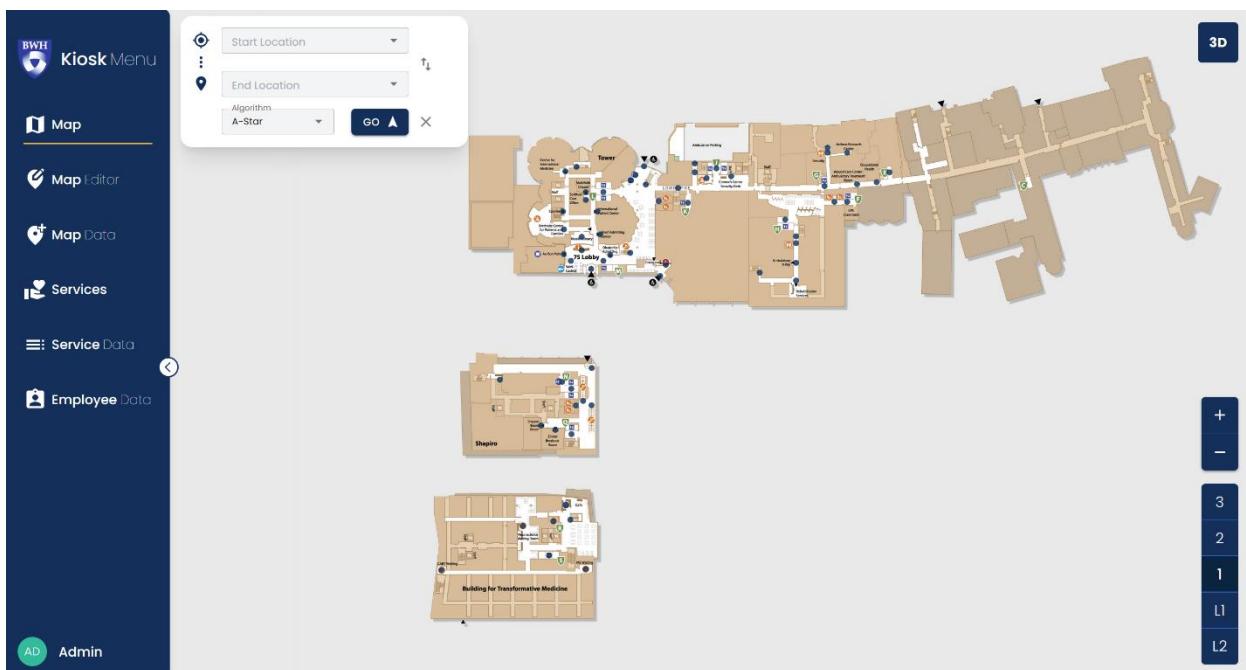
In order to access other features of the app, the user must first log in. This can be done by clicking the login icon on either the Landing page or the navbar on the Map page.



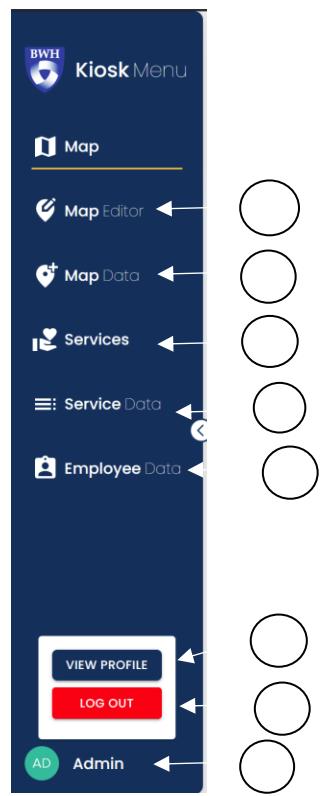
When clicking the ‘sign in’ icon, the app navigates to an Auth0 sign in screen. As an example, an administrator account can be used to log in. Administrators have the most extensive permissions, such as being able to upload CSV files for Map Data and Employee data. On those pages, both the Admin version and Staff version of the pages will be shown.



Auth0 Login Page



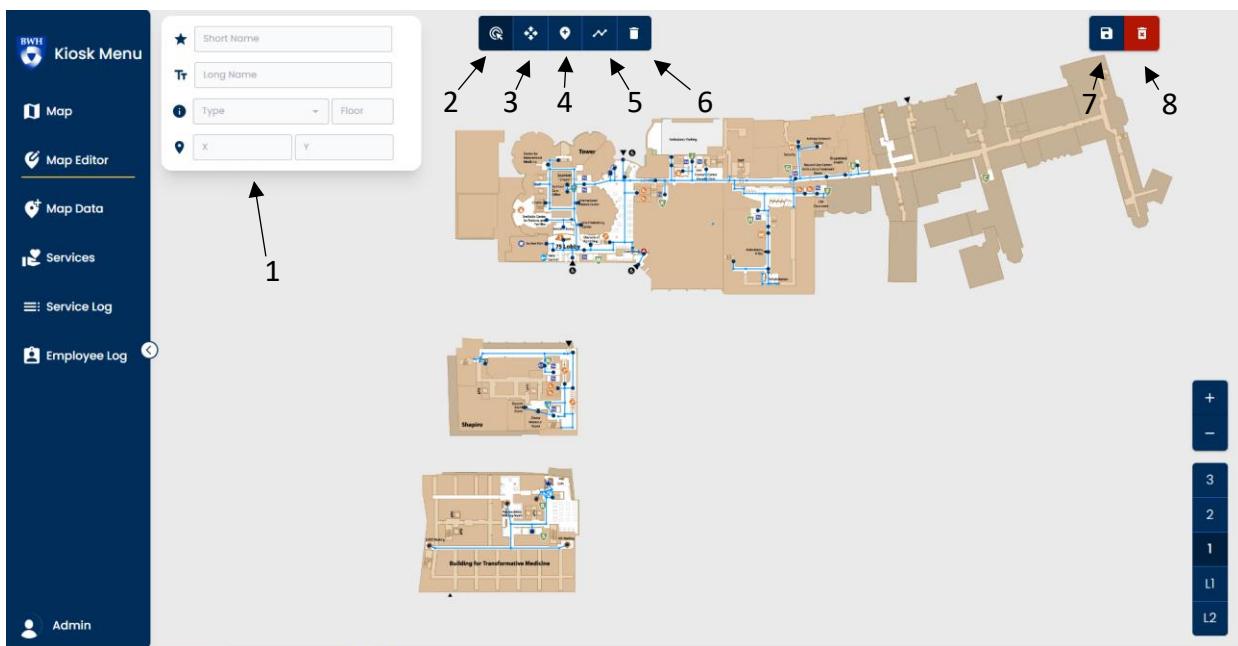
Map page when logged in



Navbar when clicking on profile

When a user is logged in, the navbar will be updated to show all pages of the site, including the Map Editor (1), Map Data (2), Services (3), Service Data (4), and Employee Data (5). Additionally, the login icon will be replaced with a profile (6). This can be clicked to reveal two options: a 'Profile' button (7) and a log-out button (8).

Map Edit Page

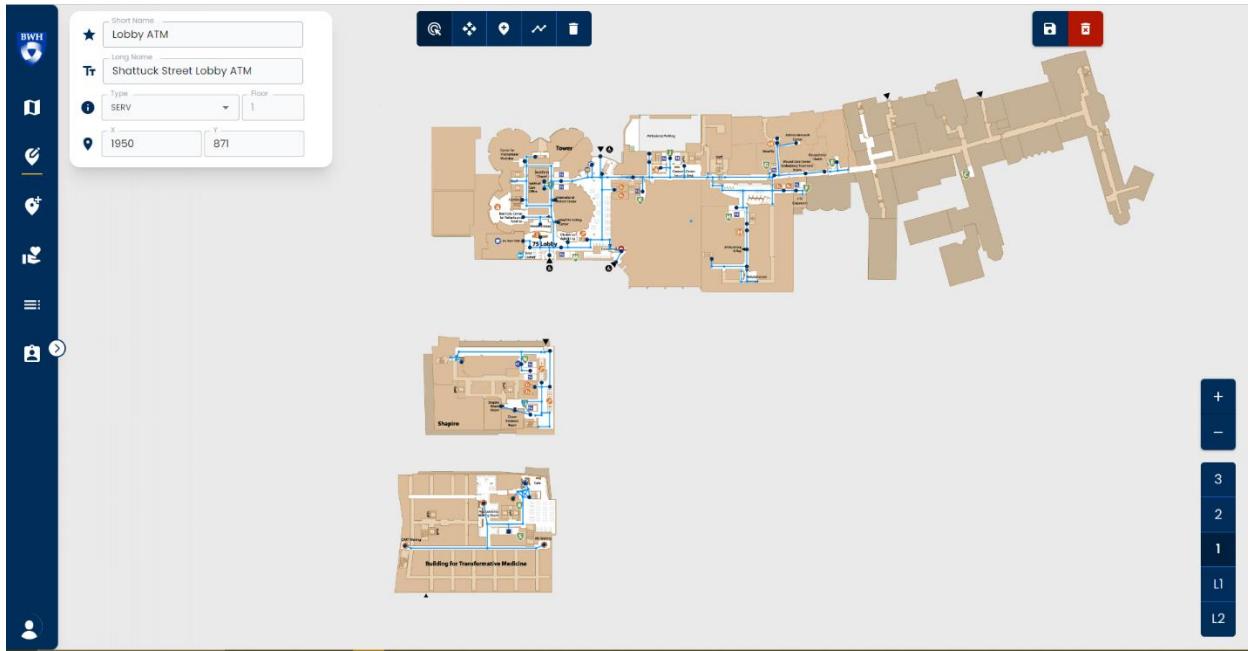


Map Edit Page

On the ‘Map Edit’ page, users can make changes to the map data, including nodes and edges. Features on the page include a node information card (1) a ‘Select node’ tool (2), a ‘Move Node’ tool (3), ‘Add Node’ tool (4), ‘Add Edge’ tool (5), and a ‘Delete’ tool (6). Additional features include a ‘Save All’ button (7) and a ‘Revert All’ button (8), in addition to the same zoom controls and floor selector found on the Map page.

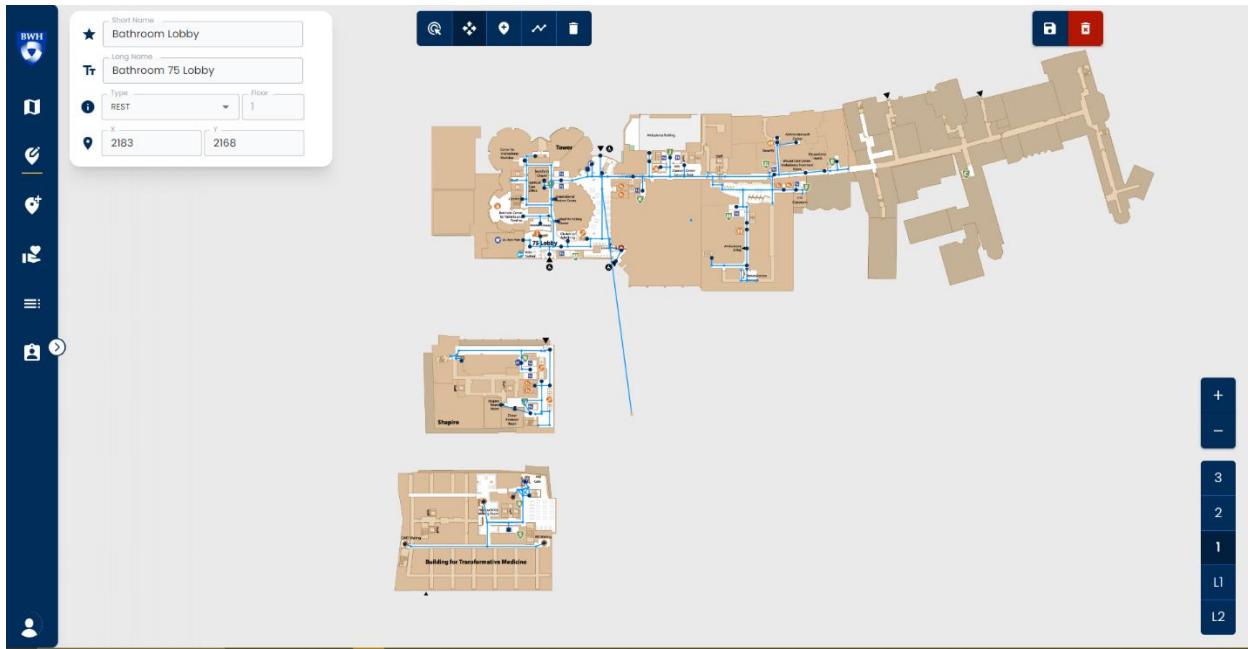
By clicking on the toggle buttons in the toolbar, appearing near the top left corner of the page next to the node information card, users can toggle between different editing modes. When a node is selected, the node’s information is displayed on the card. The user can make any number of changes to the nodes and edges. After a user makes a change, they can save all the changes by clicking the 'Save All' button (8). Users also have the option to revert their changes, which will be discussed later in the section.

Map Edit page: Making edits



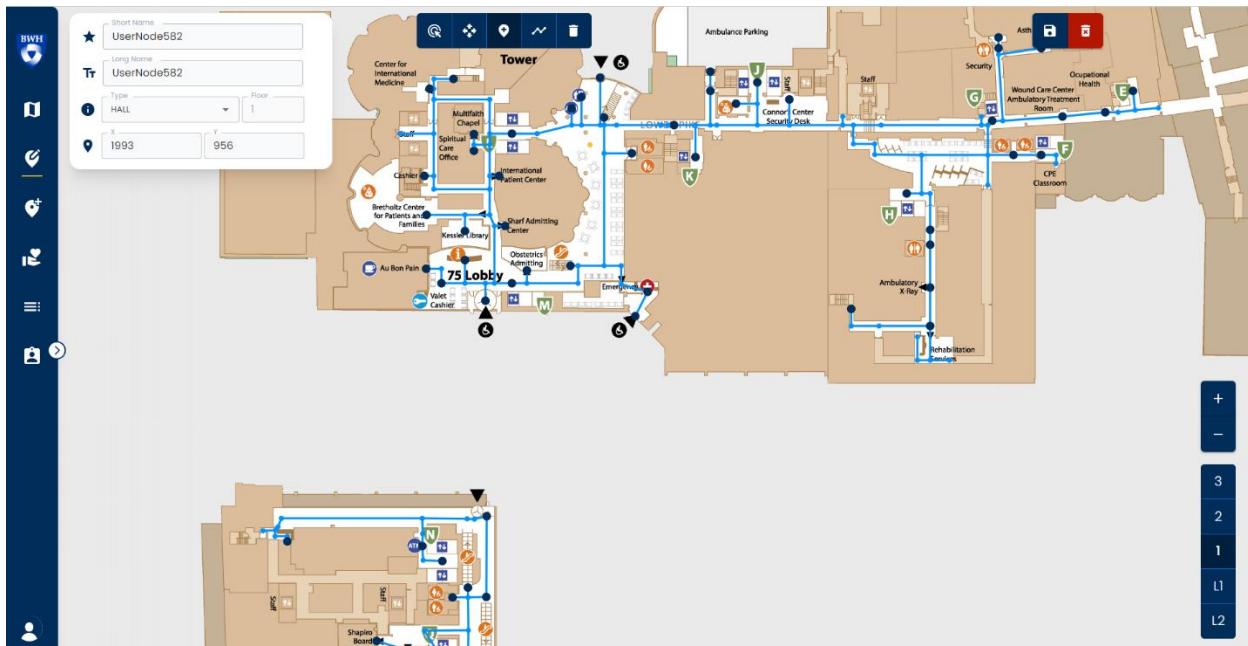
Select Node Mode

Clicking the ‘Select node’ tool (3) activates node selection mode. In node selection mode, users can select a node to view and edit its information from the node information card. Upon clicking a node, the node changes to a yellow color to show it is in focus. A node’s edited information will be remembered until the user either saves the changes or reverts the changes - this means that any number of nodes’ information can be changed or other edits made.



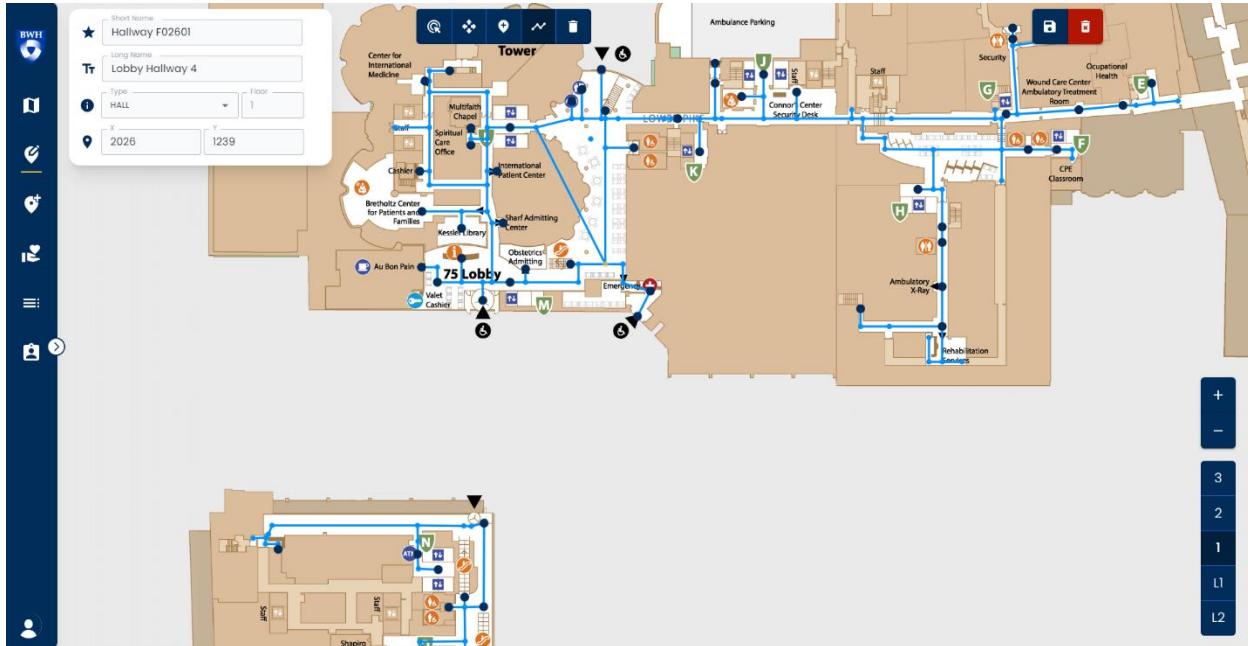
Move Node Mode

Clicking the ‘Move node’ tool (4) activates move node mode. In node move mode, users can change a node’s visual position and coordinates by clicking and dragging it. Users can see the live coordinates of a node change by looking at the node information card (1). Additionally, edges (lines) attached to a node will follow the node as it moves. Note: nodes of type STAI (stair) or ELEV (elevator) cannot be moved.



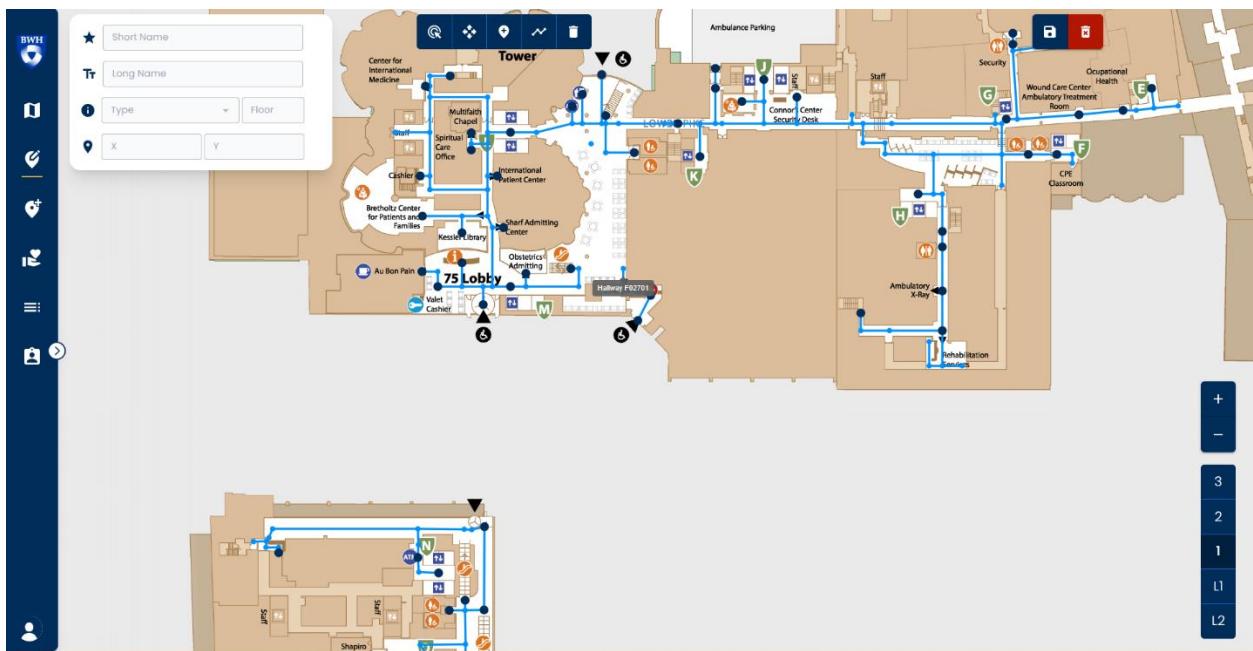
Add Node Mode

Clicking on the ‘Add Node’ tool (5) activates add node mode. In add node mode, users can add nodes to the map by clicking. After clicking on a spot on a map, a yellow circle will appear. Previously added nodes will change from yellow to blue, indicating its full addition. A long and short name for the node is automatically generated, but users can provide custom names to the node. The nodes can also be further customized using the node information card (1).



Create Edge Mode

Clicking the ‘Create Edge’ tool (6) will activate create edge mode. In create edge mode, users can create edges between two nodes by clicking each one. The application will automatically draw a line between two nodes to show users what the edge will look like.

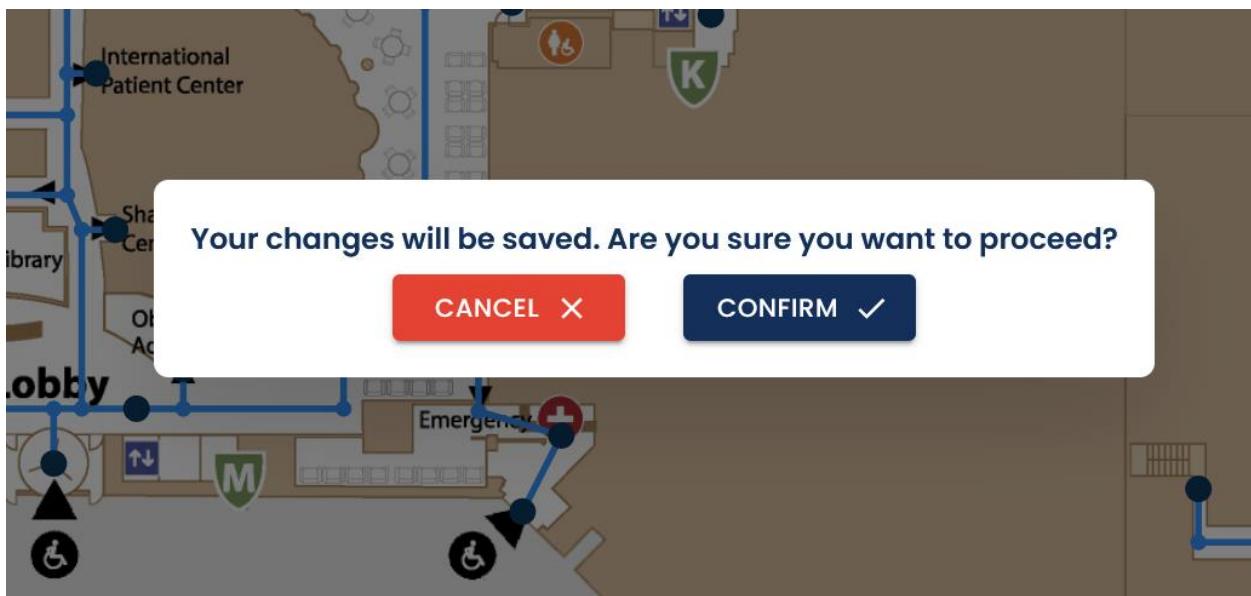


Delete Mode

Clicking the ‘Delete’ tool (7) activates delete mode. In delete mode, users delete nodes or edges they click on. When a node gets deleted, edges attached to the node will be deleted as well.

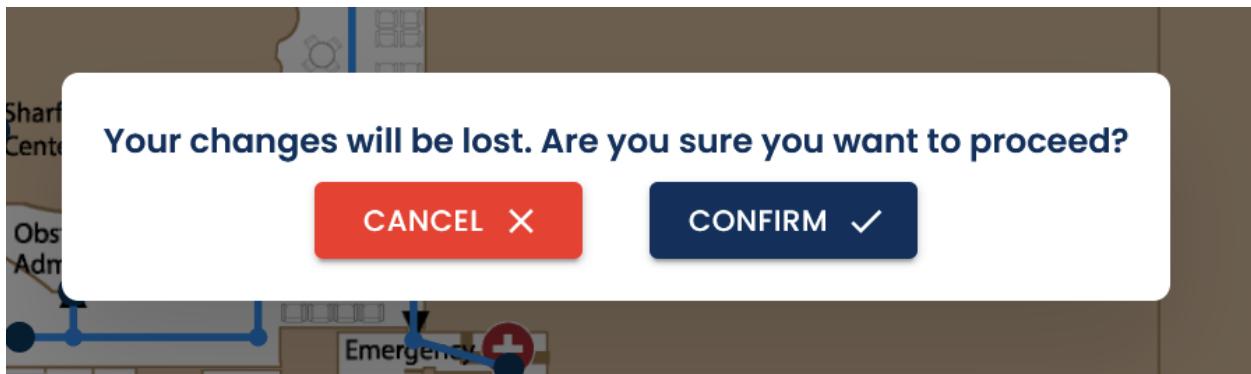
Saving and Reverting changes

In order to save changes made, the user must click the ‘Save All’ button (7). Once a user clicks the ‘Save All’ button, a pop-up modal will appear prompting the user to confirm their choice. Clicking ‘Cancel’ will not save the changes to the back-end database, but the changes will still be present and can still be either saved or reverted. Clicking ‘Save’ will save all changes to the back-end database, which will be reflected on the Map page, the Map Data page, and the Map Edit page.



Pop-up modal for Save All

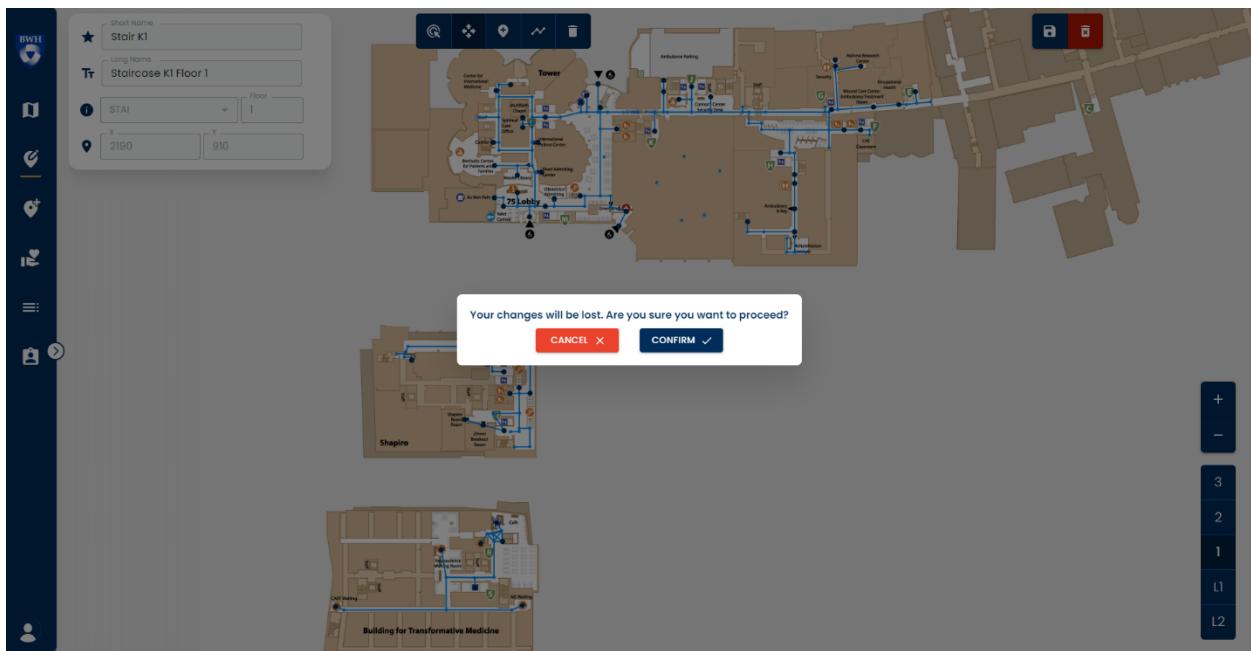
In order to remove changes that have not been saved, the user may click the 'Revert All' button (8). This will open a pop-up modal prompting the user to confirm their decision. If the user pressed 'Cancel', the modal will close and the changes will remain intact. If the user pressed 'Confirm', all changes that have been made will be reverted. Changes saved using 'Save all' will not be reverted. Essentially, the map data will revert to the current state of the back-end database.



Pop-up modal for Revert All

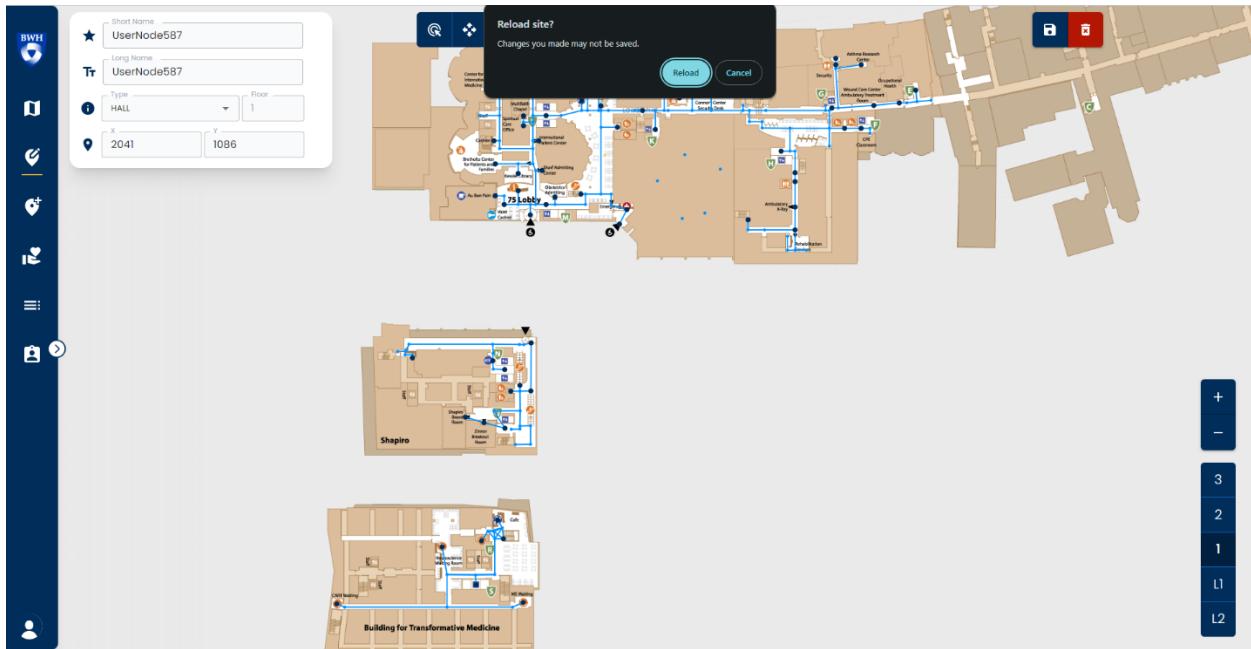
Navigating off the Map Edit page

If a user has unsaved changes, attempting to navigate to a new page using the navigation bar causes a modal to appear, warning users that they will lose their changes. If they click ‘Confirm’, the page navigation will proceed and all unsaved changes will be lost. Otherwise, by pressing ‘Cancel’, they will stay on the Map Edit page with their changes intact.



Pop-up Modal Warning Users During Page Navigation

When a user attempts to refresh the page without saving their changes, a browser-based alert will appear and warn users that their changes will be lost. If they choose to continue with the refresh by clicking “Reload”, the page will reload and the user will lose their changes. If the user cancels the operation, they will stay on the map editor page with their changes intact.



Browser-Based Modal Warning Users During Refresh

Map Data Page

The screenshot shows the 'Map Data' page with a sidebar on the left containing icons for file management, search, filter, and other functions. The main area has a title 'Map Data' and a subtitle 'View and modify map data files'. It includes a search bar, a 'Filter' button, and tabs for 'Node Table' and 'Edge Table'. The 'Node Table' tab is active, displaying a list of nodes with columns: NODE ID, XCOORD, YCOORD, FLOOR, BUILDING, NODE TYPE, LONG NAME, and SHORT NAME. The data includes entries like ACONF00102 (NODE ID), 1580 (XCOORD), 2538 (YCOORD), 2 (FLOOR), BTM (BUILDING), HALL (NODE TYPE), Hall (LONG NAME), and Hall (SHORT NAME). The 'Edge Table' tab is also visible. At the bottom, there are pagination controls for 'Rows per page' (set to 10) and '1–10 of 581'.

Map data page

The Map Data page allows the user to view the node and edge data used for the maps and pathfinding. The page consists of: (1) a file management button that enables a pop-up modal, a search bar (2), a filter button (3), and a paginated table (4). The table uses tabs at the top to switch between the table for nodes and the table for edges.

Map Data page: File management

View and modify map data files

FILE MANAGEMENT

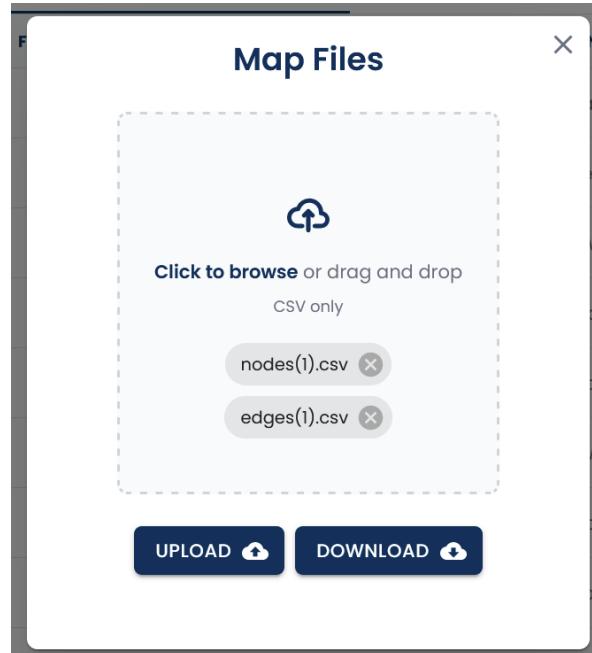
Search for Map Data

Filter

Node Table				Edge Table			
NAME	SHORT NAME	NAME	SHORT NAME				
A CONF 00102	1580	2538	Hall	Hall			
A CONF 00103	1648	2968	BTM Conference Center	BTM Conference			
A DEPT 00101	1401	2628	Waiting Room	Neuro Waiting Room			
A DEPT 00102	1395	2674	Orthopedics and Rheumatology	Orthopedics and Rheumatology			
A DEPT 00201	1720	2847	MS Waiting	MS Waiting			
A DEPT 00301	986	2852	CART Waiting	CART Waiting			
AELEV 00S01	1534	2777	Elevator S 01	Elevator S 1			
AELEV 00S02	1532	2777	Elevator S 02	Elevator S 2			
AELEV 00S03	1539	2773	Elevator S Floor 3	Elevator S 3			
AELEV 00SL2	1630	2742	Elevator S L2	Elevator S L2			

Rows per page: 10 1–10 of 581

The file management modal that pops up when clicking 'file management'



How the modal appears when files are inserted

When the ‘File Management’ button (1) is clicked, a pop-up model will be activated. A user can either drag-and-drop files into the box or click in the box to upload node and edge files. This only accepts CSV files. Once files are inserted, clicking the ‘Upload’ button will upload the files to the site, updating the back end database.

Of note:

- Both the Node and Edge files MUST be uploaded at the same time – otherwise a toast denoting an error will appear in the top-right corner, telling the user to submit the correct number of files
- Both files must be formatted correctly – if they are not, a toast denoting an error will appear in the top-right corner, telling the user they have submitted incorrect files
 - o Node fields: Node ID, xcoord, ycoord, floor, building, node type, long name, short name
 - o Edge fields: Edge ID, start node id, end node id

Additionally, the user can click the ‘Download’ button to download 2 CSV files, one for nodes and one for edges. These will reflect the data currently stored in the database.

Map Data page: Table usage

Node Table						Edge Table	
NODEID	XCOORD	YCOORD	FLOOR	BUILDING	NODE TYPE	LONG NAME	SHORT NAME
ACONF00102	1580	2538	2	BTM	HALL	Hall	Hall
ACONF00103	1648	2968	3	BTM	CONF	BTM Conference Center	BTM Conference
ADEPT00101	1401	2628	1	BTM	DEPT	Neuroscience Waiting Room	Neuro Waiting Room
ADEPT00102	1395	2674	2	BTM	DEPT	Orthopedics and Rheumatology	Orthopedics and Rheumatology
ADEPT00201	1720	2847	1	BTM	DEPT	MS Waiting	MS Waiting
ADEPT00301	986	2852	1	BTM	DEPT	CART Waiting	CART Waiting
AELEVO0S01	1534	2777	1	BTM	ELEV	Elevator S 01	Elevator S 1
AELEVO0S02	1532	2777	2	BTM	ELEV	Elevator S 02	Elevator S 2
AELEVO0S03	1539	2773	3	BTM	ELEV	Elevator S Floor 3	Elevator S 3
AELEVO0SL2	1630	2742	L2	BTM	ELEV	Elevator S L2	Elevator S L2

Map data table for nodes

Node Table		Edge Table	
EDGE ID		STARTNODEID	ENDNODEID
AHALLO00202_AHALLO00302		AHALLO00302	AHALLO00202
AHALLO00502_ADEPT00102		ADEPT00102	AHALLO00502
AHALLO01001_ASTAI00101		AHALLO01001	ASTAI00101
AREST00103_AHALL00603		AREST00103	AHALL00603
AHALL00102_AHALL00202		AHALL00202	AHALL00102
AHALLO0102_AHALLO00602		AHALLO00602	AHALLO0102
AHALLO0303_ALABS00203		ALABS00203	AHALLO0303
AHALLO0203_ALABS00103		ALABS00103	AHALLO0203
AHALLO0101_AHALLO00201		AHALLO0101	AHALLO0201
AHALLO002L2_AEXIT001L2		AHALLO002L2	AEXIT001L2

Rows per page: 10 ▾ 1–10 of 684 < >

Map data table for edges

The map data table consists of 2 tables that can be toggled between using the tab at the top of the table. Both tables can be extended to display more entries, or if still paginated, the user can page between the entries. Additionally, the user can find specific entries in the table by searching or sorting.

FILE MANAGEMENT		Node Table		Edge Table			
NODE ID	XCOORD	YCOORD	FLOOR	BUILDING	NODE TYPE	LONG NAME	SHORT NAME
ACONF00102	1580	2538	2	BTM	HALL	Hall	Hall
ACONF00103	1648	2968	3	BTM	CONF	BTM Conference Center	BTM Conference

Rows per page: 10 ▾ 1–10 of 581 < >

Searching in the table

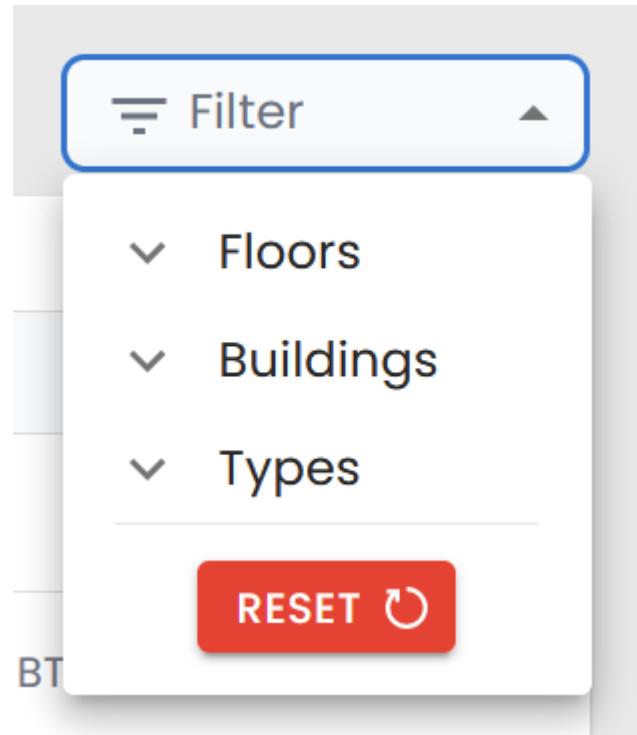
Node Table		Edge Table	
EDGE ID		STARTNODEID	ENDNODEID
AHALL00503_ACONF00103		ACONF00103	AHALL00503
AHALL00102_ACONF00102		ACONF00102	AHALL00102

Rows per page: 10 ▾ 1–10 of 684 < >

Search is maintained when switching between tables

When using the search bar (2), matching entries will be highlighted, and the table will not show irrelevant entries. The search will be maintained even when switching between the two types of tables.

The filter dropdown consists of fields relating to each table. These fields are collapsed by default and can be expanded to show the types within each field for which the table can be filtered. Multiple types and multiple types of multiple fields can be selected for filtering. Additionally, a ‘Reset’ button is present, which will remove the selected filters.



Filter dropdown for nodes with collapsed fields



Expanded dropdown for nodes with an expanded field

Node Table						Edge Table	Filter
NODE ID	XCOORD	YCOORD	FLOOR	BUILDING	NODE TYPE	LONG NAME	
AELEVO0SL2	1630	2742	L2	BTM	ELEV	Elevator S L2	<input checked="" type="checkbox"/> L2
AEXIT001L2	1696	2788	L2	BTM	EXIT	Parking Garage L2	<input type="checkbox"/> L1
AHALL001L2	1627	2782	L2	BTM	HALL	Hallway to Elevator	<input type="checkbox"/> 1
AHALL002L2	1698	2776	L2	BTM	HALL	Hallway Intersection	<input type="checkbox"/> 2
AHALL003L2	1701	2734	L2	BTM	HALL	Hall	<input type="checkbox"/> 3
AHALL004L2	1698	2687	L2	BTM	HALL	Hall	<input type="checkbox"/> Buildings
AINFO001L2	1681	2747	L2	BTM	INFO	BTM Security Desk	<input type="checkbox"/> Types
ALABS001L2	1667	2682	L2	BTM	LABS	MRI CT Scan Imaging	<input type="checkbox"/> RESET
CHALL001L2	2360	854	L2	45 Francis	HALL	Hallway K Elevator Floor L2	
CHALL002L2	2270	904	L2	45 Francis	HALL	Hallway 2 Floor L2	

Selecting one filter type

FILE MANAGEMENT

Search for Map Data

Filter ▾

Node Table

NODE ID	XCOORD	YCOORD	FLOOR	BUILDING	NODE TYPE	LONG NAME	Edge Table
ADEPT00101	1401	2628	1	BTM	DEPT	Neuroscience Waiting Room	Neuro...
ADEPT00201	1720	2847	1	BTM	DEPT	MS Waiting	MS...
ADEPT00301	986	2852	1	BTM	DEPT	CART Waiting	CART...
AELEVO0S01	1534	2777	1	BTM	ELEV	Elevator S 01	Elevat...
AELEVO0SL2	1630	2742	L2	BTM	ELEV	Elevator S L2	Elevat...
AEXIT001L2	1696	2788	L2	BTM	EXIT	Parking Garage L2	Park...
AHALL00101	1638	2553	1	BTM	HALL	Hall	Hall
AHALL001L2	1627	2782	L2	BTM	HALL	Hallway to Elevator	Hall
AHALL00201	1608	2596	1	BTM	HALL	Hall	Hall
AHALL002L2	1698	2776	L2	BTM	HALL	Hallway Intersection	Hall

Rows per page: 10 ▾ 1–10 of 581 < >

Selecting multiple filter types in the same field

FILE MANAGEMENT

Search for Map Data

Filter ▾

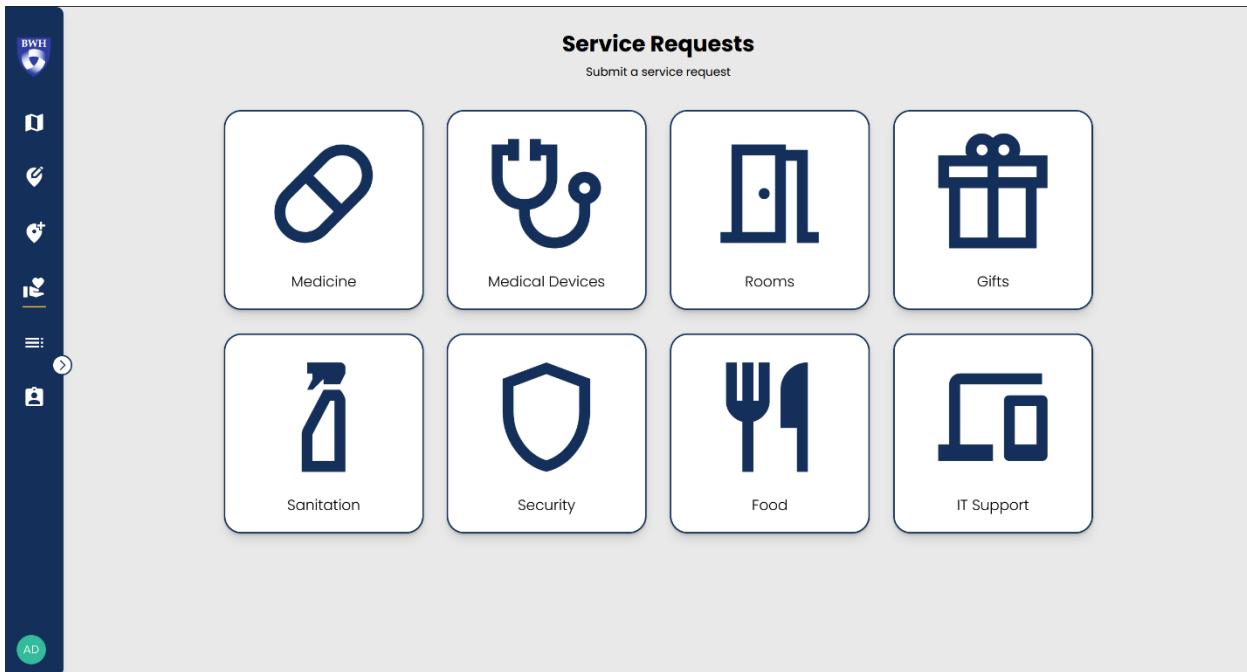
Node Table

NODE ID	XCOORD	YCOORD	FLOOR	BUILDING	NODE TYPE	LONG NAME	Edge Table
FDEPT00101	1617	825	1	Tower	DEPT	Center for International Medicine	
FSERV00401	1721	970	1	Tower	DEPT	Spiritual Care Office	
FDEPT00301	1721	931	1	Tower	DEPT	Multifaith Chapel	
FDEPT00201	1610	1120	1	Tower	DEPT	Bretholtz Center for Patients and Families	
FDEPT00401	1794	1146	1	Tower	DEPT	Sharf Admitting Center	
FDEPT00501	2128	1300	1	Tower	DEPT	Emergency Department	
FDEPT00601	1780	1029	1	Tower	DEPT	International Patient Center	

Rows per page: 10 ▾ 1–10 of 581 < >

Selecting multiple filter types in multiple fields (this example shows only Floor: 1, Building: Tower, Types: DEPT)

Service Request Selection page

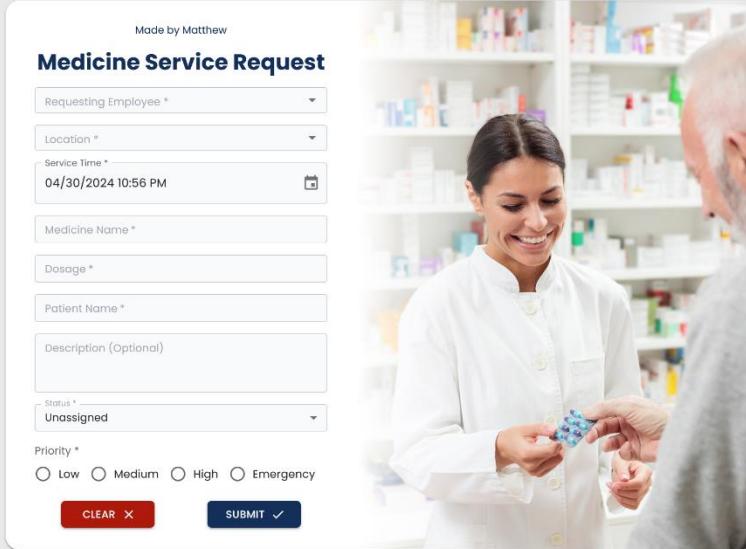


Service request selection page

On the Service Request Selection page, a user can click and select one of eight possible service request cards. These cards link to their respective service request form, discussed in the next section.

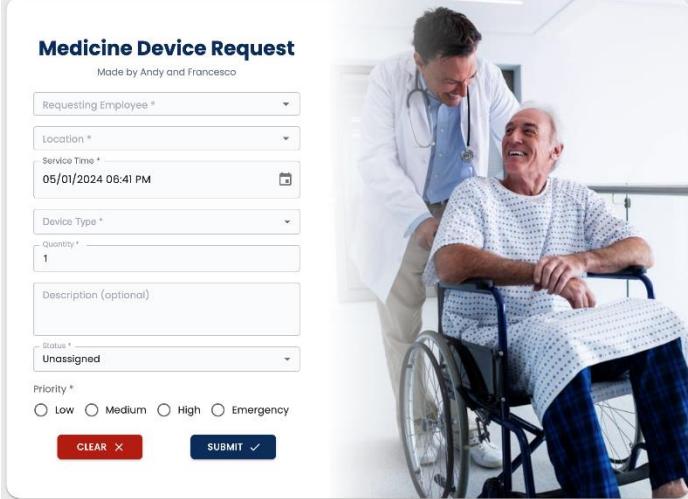
Service Request Form page

Types of Service Requests



The screenshot shows a service request form titled "Medicine Service Request" made by Matthew. The form includes fields for Requesting Employee (dropdown), Location (dropdown), Service Time (calendar date 04/30/2024 10:56 PM), Medicine Name, Dosage, Patient Name, Description (Optional), Status (dropdown Unassigned), and Priority (radio buttons Low, Medium, High, Emergency). Below the form is a photo of a pharmacist in a white coat smiling and handing medicine to a patient. The left sidebar of the kiosk menu includes links for Map, Map Editor, Map Data, Services, Service Data, Employee Data, and Admin.

Medicine Service Request



The screenshot shows a service request form titled "Medicine Device Request" made by Andy and Francesco. The form includes fields for Requesting Employee (dropdown), Location (dropdown), Service Time (calendar date 05/01/2024 06:41 PM), Device Type (dropdown), Quantity (text input 1), Description (optional), Status (dropdown Unassigned), and Priority (radio buttons Low, Medium, High, Emergency). Below the form is a photo of a doctor in a white coat talking to a smiling patient in a wheelchair. The left sidebar of the kiosk menu includes links for Map, Map Editor, Map Data, Services, Service Data, Employee Data, and Admin.

Medical Device Request



Reserve a Room

Made by Vivek, Taeha, and Mohamed

Requesting Employee *

Location *

Service Time * 05/01/2024 06:39 PM

Service Time * 05/01/2024 06:39 PM

Reservation Purpose

Description (optional)

Status * Unassigned

Priority * Low Medium High Emergency

Room Reservation Request



Gift Delivery Request

Made by Matthew and Sulaiman

Requesting Employee *

Location *

Service Time * 05/01/2024 06:38 PM

Gift Type *

Note (optional)

Status * Unassigned

Priority * Low Medium High Emergency

Gift Delivery Request

Sanitation Request

Made by Matthew and Sulaiman



Requesting Employee *

Location *

Service Time *

Service Type *

Necessary Equipment *

Description (optional)

Status *

Priority * Low Medium High Emergency

Sanitation Request

Security Request

Made by Daniel and Collin



Requesting Employee *

Location *

Service Time *

Security Type *

Number of Personnel *

Description (optional)

Status *

Priority * Low Medium High Emergency

Security Request

Food Delivery

Made by Adem

Requesting Employee *

Location *

Service Time * 05/01/2024 06:36 PM

Protein *

Side *

Additional Notes (optional)

Status * Unassigned

Priority *

Low Medium High Emergency

CLEAR X SUBMIT ✓



Food Delivery Request

IT Request

Made by Sulaiman

Requesting Employee *

Location *

Service Time * 05/01/2024 06:34 PM

IT Problem Type *

Description (optional)

Status * Unassigned

Priority *

Low Medium High Emergency

CLEAR X SUBMIT ✓



IT Request

Filling out a Service Request form

Each Service Request form consists of various fields related to the type of service. Some fields are common between all service requests. These include: Requesting Employee, Location, Service Time, Description, Status, Assigned Employee, and Priority. All other fields are service-specific. The Assigned Employee field does not appear by default - if a service's Status is set to a value other than 'Unassigned', a required field for the Assigned Employee will appear below the Status dropdown. Fields denoted with a '*' are required to submit a form – otherwise, if a required field is not filled upon submission, a toast will appear in the top-right corner stating that the attempt to submit a form failed.

Once all the required fields in a form are filled, the user can either press the 'Clear' button to clear all filled fields and reset them to their default state, or they can press the 'Submit' button to send the request. Once a request is sent, a toast will appear in the top-right corner denoting a successful attempt to submit a service request and the form will be cleared. Submitted service requests are stored in the back-end database and can be viewed in the Service Data page, which will be discussed in the next section.

Medicine Service Request

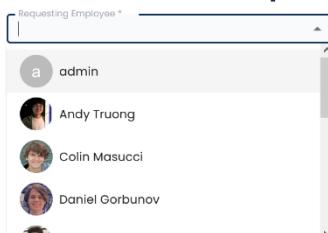
The screenshot shows a web-based form titled "Medicine Service Request". The form consists of several input fields and a status dropdown. At the bottom, there is a "Priority" section with radio buttons for Low, Medium, High, and Emergency, and two buttons at the bottom: "CLEAR X" and "SUBMIT ✓".

Requesting Employee *	
Location *	
Service Time *	04/30/2024 11:05 PM
Medicine Name *	
Dosage *	
Patient Name *	
Description (Optional)	
Status *	Unassigned
Priority *	<input type="radio"/> Low <input type="radio"/> Medium <input type="radio"/> High <input type="radio"/> Emergency
CLEAR X	SUBMIT ✓

Medicine Service request, blank

Medicine Service Request

Requesting Employee *



Patient Name *

Description (Optional)



Status *

Assigned

Assigned Employee *

Priority *

Low Medium High Emergency

CLEAR X **SUBMIT ✓**

Employee dropdown expanded

Medicine Service Request

Requesting Employee *

admin

Location *

Cardiovascular Imaging Center Floor L2

Service Time *

04/30/2024 11:05 PM

Medicine Name *

Advil

Dosage *

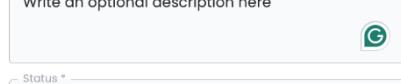
1

Patient Name *

Some patient

Description (Optional)

Write an optional description here



Status *

Unassigned

Priority *

Low Medium High Emergency

CLEAR X **SUBMIT ✓**

Medicine request with all fields filled.

Medicine Service Request

Requesting Employee * —

Location * —

Service Time * — 

Medicine Name * —

Dosage * —

Patient Name * —

Description (Optional) — 

Status * —

Assigned Employee * —

Priority * —
 Low Medium High Emergency

CLEAR X SUBMIT ✓

Service form if the Status field is set to a value other than ‘Unassigned’

Service Data page

The screenshot shows the 'Service Request Data' page within a kiosk application. The left sidebar, titled 'Kiosk Menu', includes links for Map, Map Editor, Map Data, Services, Service Data (which is the active tab), and Employee Data. A user icon labeled 'Admin' is also present. The main content area is titled 'Service Request Data' and displays a table of three service requests. The columns are: SERVICE ID, TYPE, STATUS, PRIORITY, REQUESTING USERNAME, LOCATION, DESCRIPTION, ASSIGNED TO, and REQUESTED TIME. The data in the table is as follows:

SERVICE ID	TYPE	STATUS	PRIORITY	REQUESTING USERNAME	LOCATION	DESCRIPTION	ASSIGNED TO	REQUESTED TIME
1	MedicineDelivery	Unassigned	Low	admin	Cardiovascular	Write an optional...	Unassigned	Wed, 01 May 2024...
2	MedicineDelivery	Assigned	Low	admin	Cardiovascular	Write an optional...	admin	Wed, 01 May 2024...
3	SecurityService	Unassigned	High	admin	Lobby Vending M...	Another optional d...	Unassigned	Wed, 01 May 2024...

Service Data page

The Service Data page consists of a paginated table which displays all service requests stored in the back-end database. Features on the page include a search bar (1), a filter dropdown (2), a 'Status' dropdown (3), and an 'Assigned to' dropdown (4). Additionally, clicking anywhere in a request's row will cause a pop-up modal to appear, displaying that request's information.

The search bar (1) highlights values matching the input and hides entries that do not contain matching items. The search bar can search for Type, Requesting Username, Location, and Assigned To.

Search bar functionality

The screenshot shows a table with columns: SERVICE ID, TYPE, STATUS, PRIORITY, REQUESTING USERNAME, LOCATION, DESCRIPTION, ASSIGNED TO, and REQUESTED TIME. A search bar at the top left contains the text 'secur'. A dropdown menu labeled 'Filter' is open at the top right. The table has one visible row:

Service ID	Type	Status	Priority	Requesting Username	Location	Description	Assigned To	Requested Time
3	SecurityService	Unassigned	High	admin	Lobby Vending M...	Another optional d...	Unassigned	Wed, 01 May 2024...

Search bar functionality

The screenshot shows a table with columns: SERVICE ID, TYPE, STATUS, PRIORITY, REQUESTING USERNAME, LOCATION, DESCRIPTION, ASSIGNED TO, and REQUESTED TIME. A search bar at the top left contains the text 'una'. A dropdown menu labeled 'Filter' is open at the top right. The table has two visible rows:

Service ID	Type	Status	Priority	Requesting Username	Location	Description	Assigned To	Requested Time
1	MedicineDelivery	Unassigned	Low	admin	Cardiovascular ...	Write an optional ...	Unassigned	Wed, 01 May 2024...
3	SecurityService	Unassigned	High	admin	Lobby Vending M...	Another optional d...	Unassigned	Wed, 01 May 2024...

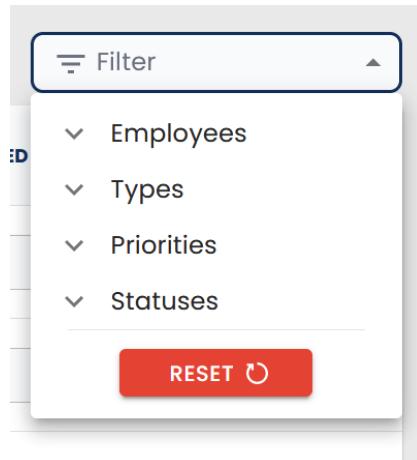
Searching for Assigned To

The screenshot shows a table with columns: SERVICE ID, TYPE, STATUS, PRIORITY, REQUESTING USERNAME, LOCATION, DESCRIPTION, ASSIGNED TO, and REQUESTED TIME. A search bar at the top left contains the text 'Lobby'. A dropdown menu labeled 'Filter' is open at the top right. The table has one visible row:

Service ID	Type	Status	Priority	Requesting Username	Location	Description	Assigned To	Requested Time
3	SecurityService	Unassigned	High	admin	Lobby Vending M...	Another optional d...	Unassigned	Wed, 01 May 2024...

Searching for Location

The filter dropdown (2) allows the user to filter by Employee (only for Assigned To), Type of service request, Priority, and Status. These fields are collapsed by default and can be expanded to show the types within each field for which the table can be filtered. Multiple types and multiple types of multiple fields can be selected for filtering. Additionally, a 'Reset' button is present, which will remove the selected filters.



Filter dropdown with collapsed fields

(image of filter with admin selected)

Filter dropdown with one item selected in one field

Search for Service Requests							
Service ID	Type	Status	Priority	Requesting Username	Location	Description	Assigned
2	MedicineDelivery	Assigned	Low	admin	Cardiovascular	Write an optional ...	admin

Filter

- Employees
- Types
- Priorities
- Statuses
- Unassigned
- Assigned
- InProgress
- Closed

Filter dropdown with multiple items selected from multiple fields (this example shows only
Types: Medicine Delivery, Statuses: Assigned)

The Service Data table can be sorted by ascending or descending order, either by Service ID or Priority, by clicking on the arrows next to the respective fields in the table header. The Status field displays a dropdown (3), allowing the user to dynamically change

the Status. Note: if a Status is set to ‘Unassigned’, the Status cannot be changed through this dropdown. This will update the request both in the table and in the back-end database.

SERVICE ID #	TYPE	STATUS	PRIORITY #	REQUESTING USERNAME	LOCATION	DESCRIPTION	ASSIGNED TO	REQUESTED TIME
3	SecurityService	Assigned	● High	admin	Lobby Vending M...	Another optional d...	admin	Wed, 01 May 2024...
2	MedicineDelivery	In Progress	● Low	admin	Cardiovascular ...	Write an optional ...	admin	Wed, 01 May 2024...
1	MedicineDelivery	Unassigned	● Low	admin	Cardiovascular ...	Write an optional ...	Unassigned	Wed, 01 May 2024...

Table sorted by descending order of Service ID

SERVICE ID #	TYPE	STATUS
1	MedicineDelivery	Unassigned
2	MedicineDelivery	Assigned
3	SecurityService	<div style="border: 1px solid #ccc; padding: 5px; display: inline-block;"> Unassigned Assigned In Progress Closed </div>

Status dropdown expanded

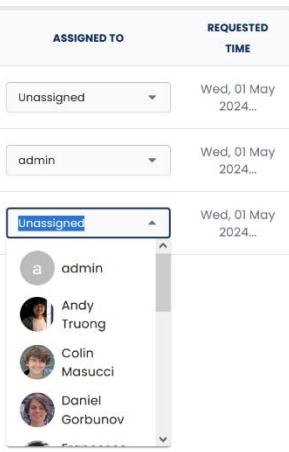
SERVICE ID #	TYPE	STATUS
1	MedicineDelivery	Unassigned
2	MedicineDelivery	In Progress
3	SecurityService	Unassigned

Status changed

The Priority field contains a colored circle indicating the priority level: green for Low, yellow for Medium, orange for High, and red for Emergency.

Finally, the Assigned To field also contains a dropdown (4), allowing the user to change the Assigned To employee dynamically. This will update both the table and the back-end database. Note: if a request has the ‘Unassigned’ Status and the Assigned To employee is changed to an employee, the Status of that request will automatically be set to ‘Assigned’.

SERVICE ID #	TYPE	STATUS	PRIORITY	REQUESTING USERNAME	LOCATION	DESCRIPTION	ASSIGNED TO	REQUESTED TIME
1	MedicineDelivery	Unassigned	● Low	admin	Cardiovascular	Write an optional ...	Unassigned	Wed, 01 May 2024...
2	MedicineDelivery	In Progress	● Low	admin	Cardiovascular	Write an optional ...	admin	Wed, 01 May 2024...
3	SecurityService	Unassigned	● High	admin	Lobby Vending M...	Another optional d...	Unassigned	Wed, 01 May 2024...



Assigned To dropdown expanded

SERVICE ID #	TYPE	STATUS	PRIORITY	REQUESTING USERNAME	LOCATION	DESCRIPTION	ASSIGNED TO	REQUESTED TIME
1	MedicineDelivery	Unassigned	● Low	admin	Cardiovascular	Write an optional ...	Unassigned	Wed, 01 May 2024...
2	MedicineDelivery	In Progress	● Low	admin	Cardiovascular	Write an optional ...	admin	Wed, 01 May 2024...
3	SecurityService	Assigned	● High	admin	Lobby Vending M...	Another optional d...	admin	Wed, 01 May 2024...

Assigned To changed. Status changed automatically

Clicking anywhere in a request’s row will cause a Details pop-up modal to appear, displaying all information for that service, including information specific to that request’s type. This modal also contains a ‘Delete’ button which allows you to delete the request from the database.

View service request data

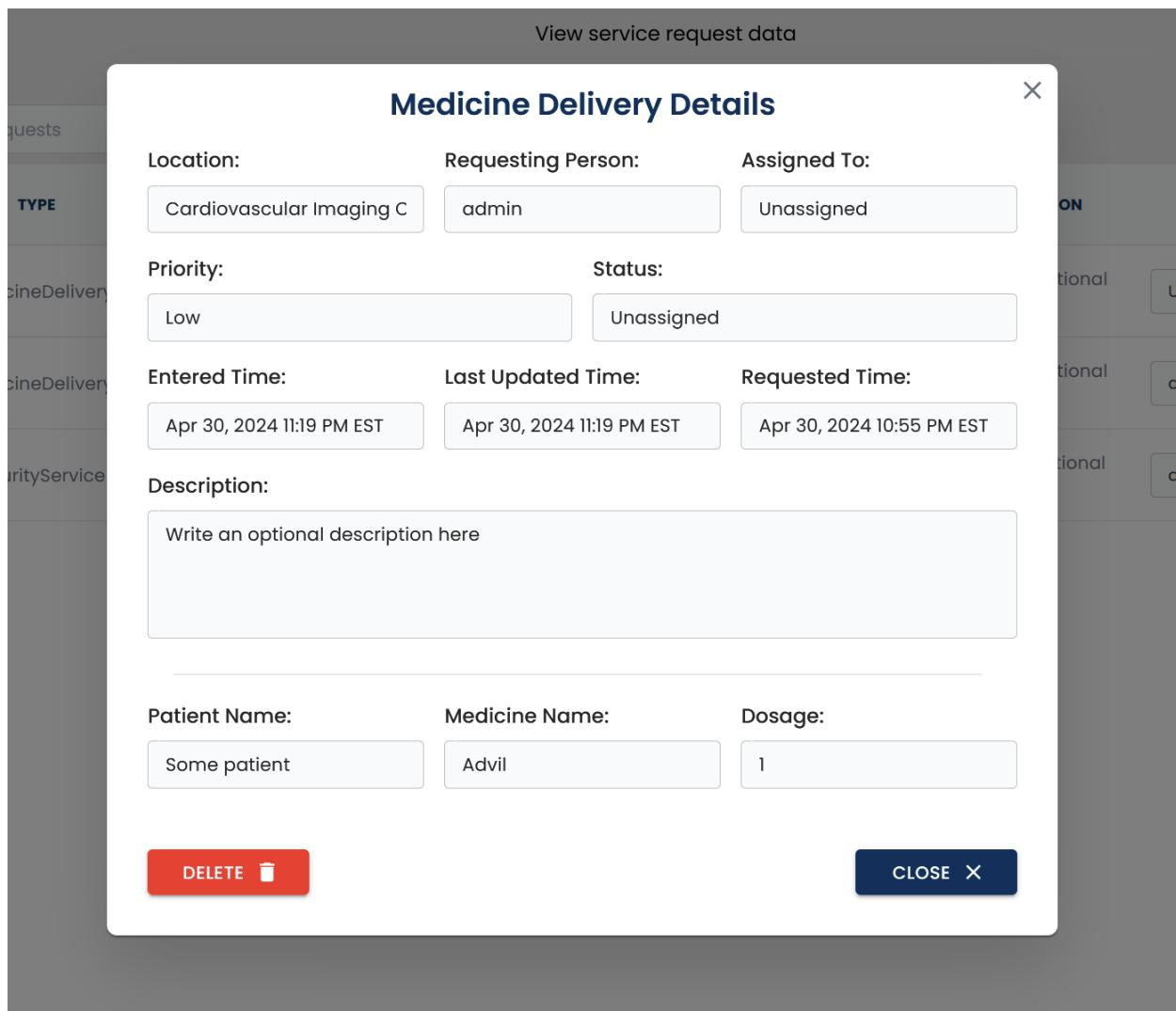
Medicine Delivery Details

X

Location:	Requesting Person:	Assigned To:
Cardiovascular Imaging C	admin	Unassigned
Priority:	Status:	
Low	Unassigned	
Entered Time:	Last Updated Time:	Requested Time:
Apr 30, 2024 11:19 PM EST	Apr 30, 2024 11:19 PM EST	Apr 30, 2024 10:55 PM EST
Description:		
Write an optional description here		
Patient Name:	Medicine Name:	Dosage:
Some patient	Advil	1

DELETE 

CLOSE X



Service Request Details modal

Employee Data page

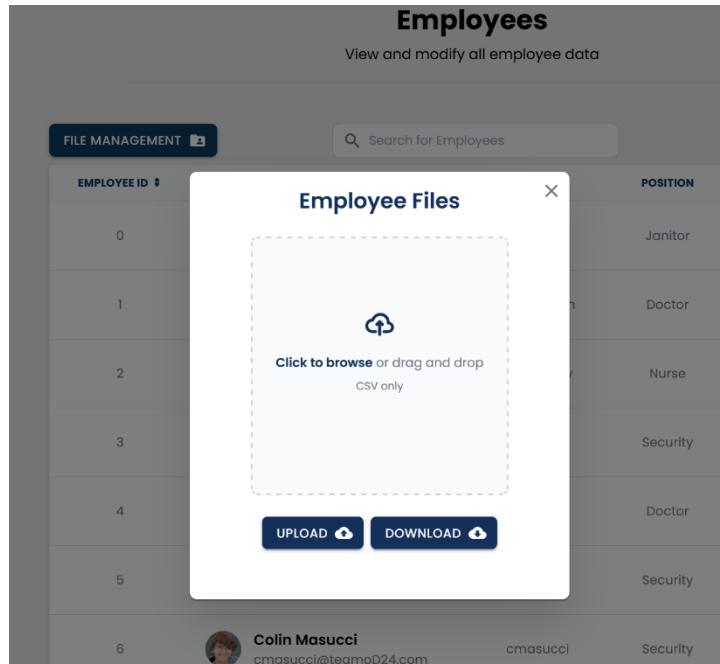
Employees
View and modify all employee data

FILE MANAGEMENT	EMPLOYEE ID	NAME	USERNAME	POSITION	ROLE
	0	Matthew Brown mbrown@teamOD24.com	mjbrown	Janitor	Admin
	1	Vivek Jagadeesh vjagadeesh@teamod24.com	vjagadeesh	Doctor	Staff
	2	Daniel Gorbunov dgorbunov@teamOD24.com	dgorbunov	Nurse	Admin
	3	Francesco Di Mise fmise@teamOD24.com	fmise	Security	Staff
	4	Mohamed Adem Djadid mdjadid@teamOD24.com	mdjadid	Doctor	Admin
	5	Taeja Song tsong@teamOD24.com	tsong	Security	Staff
	6	Colin Masucci cmasucci@teamod24.com	cmasucci	Security	Staff
	7	Sulaiman Moukheiber smoukheiber@teamod24.com	smoukheiber	Doctor	Admin
	8	Andy Truong	otruong	Nurse	Staff

Employee Data page

The Employee Data page displays a table of all Employees currently authorized in Auth0 and stored in the back-end database. Features on the page include: a ‘File Management’ button (1) that opens a file management modal pop-up, a search bar (2), a filter dropdown (3), and the table of employees.

Each row contains an Employee ID, Name, Username, Position, and Role. Additionally, at the far right of each row, a red ‘Trash’ icon (4) is visible. By clicking the arrows next to Employee ID in the table header, the table can be sorted in ascending or descending order by Employee ID number.



File management modal

Clicking the ‘File Management’ button (1) opens a file management pop-up modal. A properly formatted CSV file containing employee data can be inserted into the modal. When a CSV file is inserted, pressing the ‘Upload’ button will upload the employee data to the table and to the back-end database. Additionally, when new employees are entered into the database, Auth0 will automatically create Auth0 Staff level accounts for the new employees. Alternatively, by clicking the ‘Download’ button, a CSV file containing employee data can be downloaded to the user’s machine.

Clicking the ‘Trash’ icon (4) causes a pop-up modal to appear, prompting the user to confirm whether they want to delete the user or not. If the user confirms, the employee will be deleted from the table and the back-end database and a toast will appear in the top-right corner confirming the change. Further, the employee’s account will be automatically deleted from Auth0.

EMPLOYEE ID	NAME	USERNAME	POSITION
0	Matthew Brown mbrown@teamOD24.com	mjbrown	Janitor
1	Vivek Jagadeesh vjagadeesh@teamod24.com	vjagadeesh	Doctor
2	Francesco Di Mise fmise@teamOD24.com	fmise	Nurse
3			Security
4	Mohamed Adem Djadid mdjadid@teamOD24.com	mdjadid	Doctor
5	Taeha Song tsong@teamOD24.com	tsong	Security
	Colin Masucci		

Deleting user confirmation modal (in this case the employee being deleted is Employee 0)

EMPLOYEE ID	NAME	USERNAME	POSITION	ROLE	
1	Vivek Jagadeesh vjagadeesh@teamod24.com	vjagadeesh	Doctor	Staff	
2	Daniel Gorbunov dgorbunov@teamOD24.com	dgorbunov	Nurse	Admin	
3	Francesco Di Mise fmise@teamOD24.com	fmise	Security	Staff	
4	Mohamed Adem Djadid mdjadid@teamOD24.com	mdjadid	Doctor	Admin	
5	Taeha Song tsong@teamOD24.com	tsong	Security	Staff	

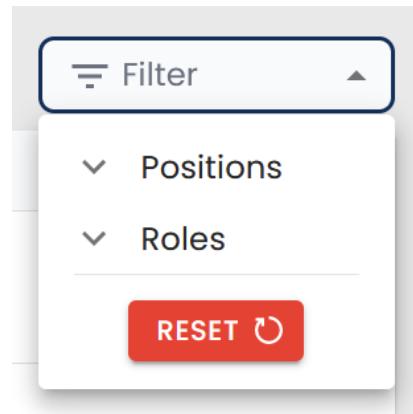
Employee table after Employee 0 has been deleted

The search bar (2) will highlight relevant items and hide irrelevant entries in the table. The user can search by a user's name, email, username, position, and/or role.

EMPLOYEE ID	NAME	USERNAME	POSITION	ROLE
0	Matthew Brown mbrown@teamOD24.com	mjbrown	Janitor	Admin
2	Daniel Gorbunov dgorbunov@teamOD24.com	dgorbunov	Nurse	Admin
4	Mohamed Adem Djadid mdjadid@teamOD24.com	mdjadid	Doctor	Admin
7	Sulaiman Moukheiber smoukheiber@teamod24.com	smoukheiber	Doctor	Admin
10	admin admin@teamod24.com	admin	Admin	Admin

Table when undergoing a search query

The filter dropdown (3) allows the user to filter the table by two fields: Position and Role. These fields are collapsed by default and can be expanded to show the types within each field for which the table can be filtered. Multiple types and multiple types of multiple fields can be selected for filtering. Additionally, a ‘Reset’ button is present, which will remove the selected filters.



Filter dropdown with collapsed fields

FILE MANAGEMENT 

Search for Employees

Filter

EMPLOYEE ID	NAME	USERNAME	POSITION
1	 Vivek Jagadeesh vjagadeesh@teamod24.com	vjagadeesh	Doctor
4	 Mohamed Adem Djadid mdjadid@teamOD24.com	mdjadid	Doctor
7	 Sulaiman Moukheiber smoukheiber@teamoD24.com	smoukheiber	Doctor

Positions

Doctor

Nurse

Janitor

Security

Roles

RESET

Filter dropdown with one type selected in one field

FILE MANAGEMENT 

Search for Employees

Filter

EMPLOYEE ID	NAME	USERNAME	POSITION
1	 Vivek Jagadeesh vjagadeesh@teamod24.com	vjagadeesh	Doctor

Positions

Roles

Staff

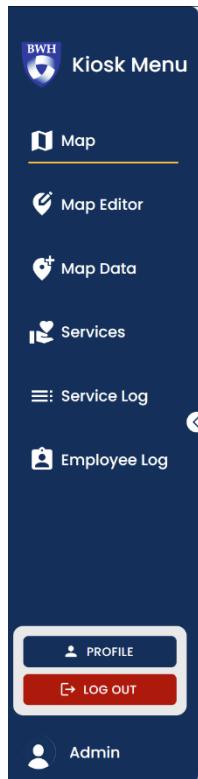
Admin

RESET

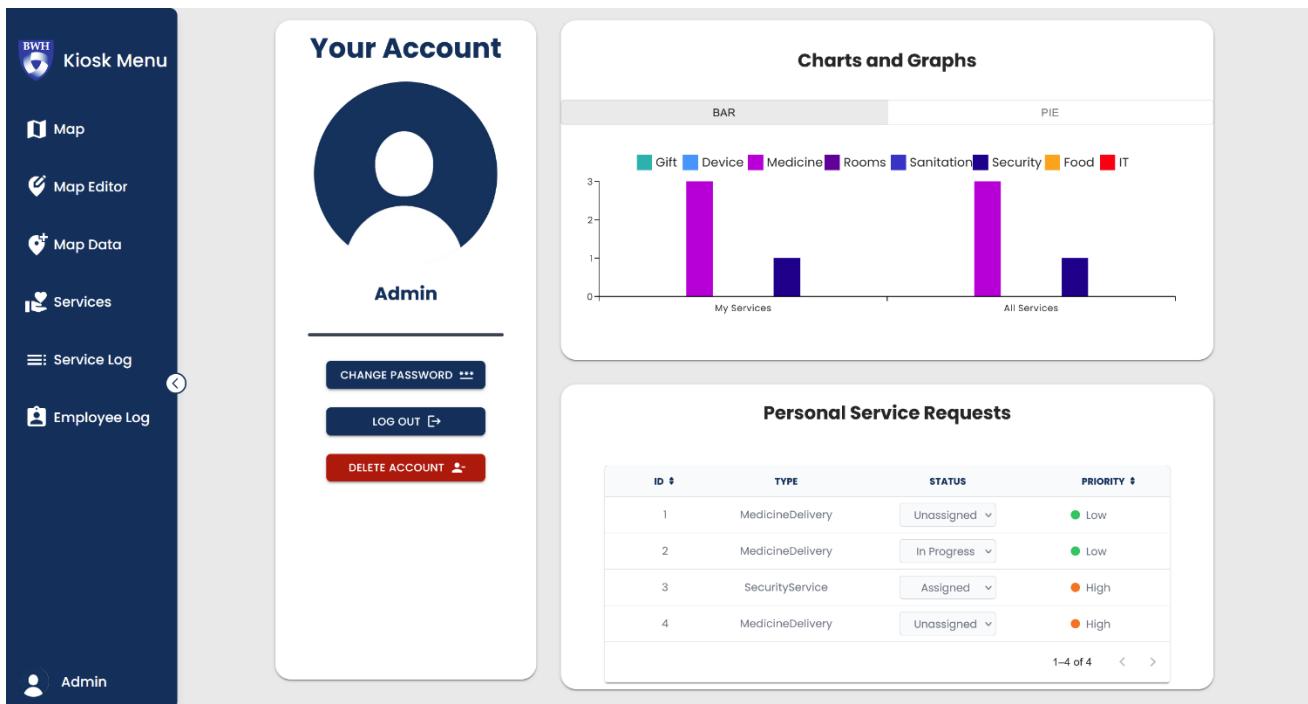
Filter dropdown with multiple types selected in multiple fields (in this example, Position: Doctor, Roles: Staff)

User Profile page

When logged in, by clicking the profile icon (1) at the bottom of the navbar, the user can choose to either view their User Dashboard page or log out of the application. On the User Dashboard page, the user can access several features: a ‘Change Password’ button (2), a ‘Log out’ button (3), a ‘Delete Account’ (4), a section containing charts and graphs of Service Data statistics, and a table displaying Service Requests specific to the logged in user. The Admin account Service Request table displays all service requests – not only Service Requests relevant to the Admin account.



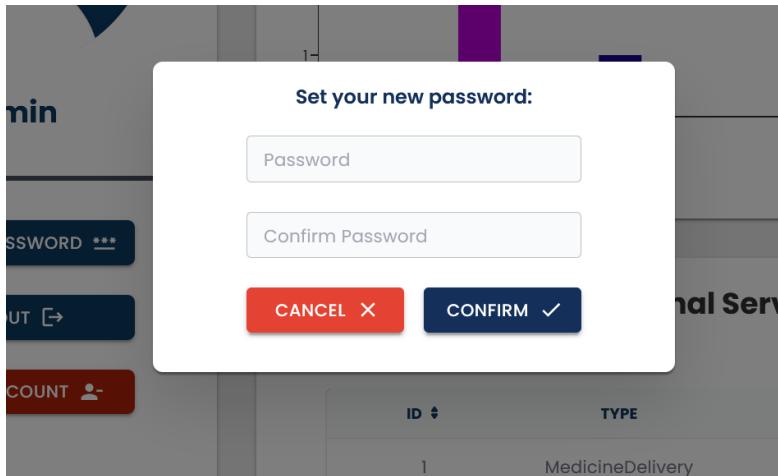
Selecting profile icon in the nav bar



User Profile page

Account card

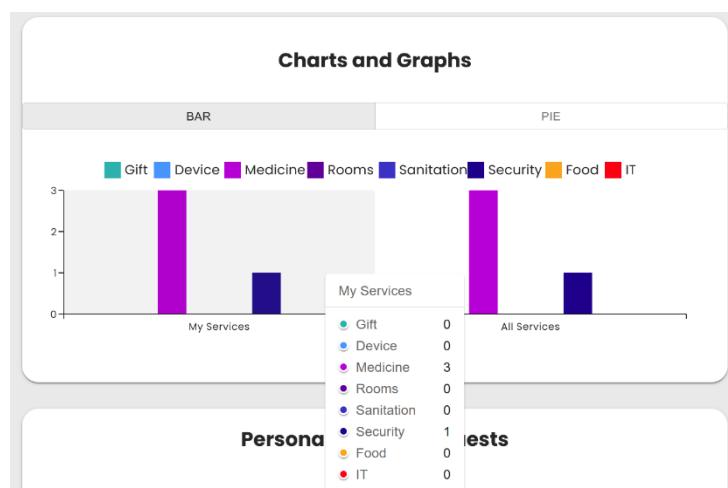
The Account card appears on the left-hand side of the User Profile page. This card displays the User's profile picture, their name, the 'Change Password' button (2), the 'Log Out' button (3), and the 'Delete Account' button (4). Clicking the 'Change Password' button opens a pop-up modal, prompting the user to enter a new password. Pressing the 'Cancel' button on this modal closes the modal without changing the User's password. If the fields are left blank and the user presses the 'Confirm' button, the modal will close without changing the password. Both fields must be filled and must match exactly. If the passwords do not match and the user clicks the 'Confirm' button, the modal will close and a toast will appear in the top right corner telling the user that the passwords do not match. If the passwords match and the 'Confirm' button is clicked, the modal will close and a toast will appear in the top-right corner confirming the change. The user's password will be updated in Auth0.



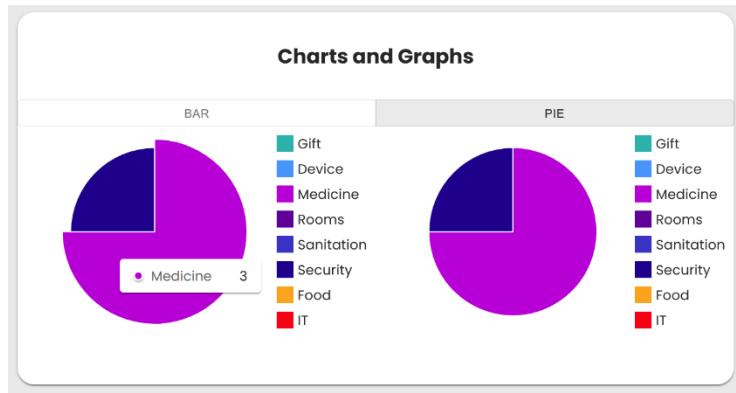
Modal for changing password

Statistics card

The Statistics card displays bar and pie charts of Service Request statistics. The left graph displays the user's personal service requests, while the graph on the right side displays all service requests. The statistics are color-coded by Service Request type, with a key at the top for each Request type. Above the key is a pair of tabs allowing the user to switch between bar charts and pie charts. Hovering over a chart displays a tooltip with summarized data.



Statistics card: bar charts



Statistics card: pie charts

Table card

The Table card displays a table containing Service Requests assigned to the user. In the case of the Admin, their table contains all service requests, including Unassigned service requests. This table displays: Service ID, Service Type, Status, and Priority. The table can be sorted by clicking the arrow icons next to the Service ID or Priority fields in the table header. The Status field contains a Status dropdown, allowing the user to change the Status of the Service Request. If the user is not an Admin and changes the Status of a Request to ‘Unassigned’, the request will be removed from the table, as it is no longer relevant to the specific user.

Personal Service Requests			
ID #	TYPE	STATUS	PRIORITY #
1	MedicineDelivery	Unassigned ▾	● Low
2	MedicineDelivery	In Progress ▾	● Low
3	SecurityService	Assigned ▾	● High
4	MedicineDelivery	Unassigned ▾	● High

1–4 of 4 < >

Service Request card

TYPE	STATUS	PRI
FileDelivery	Unassigned	● Low
FileDelivery	In Progress	● Low
FileService	Unassigned Assigned In Progress Closed	● High
FileDelivery		● High

Expanded Status dropdown