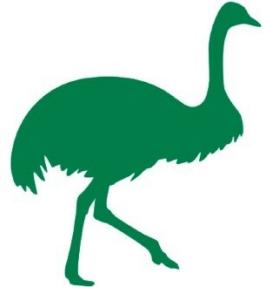


# **Brigham and Women's Application User Manual**

CS3733-D21 Prof. Wong

Team E: Emerald Emus



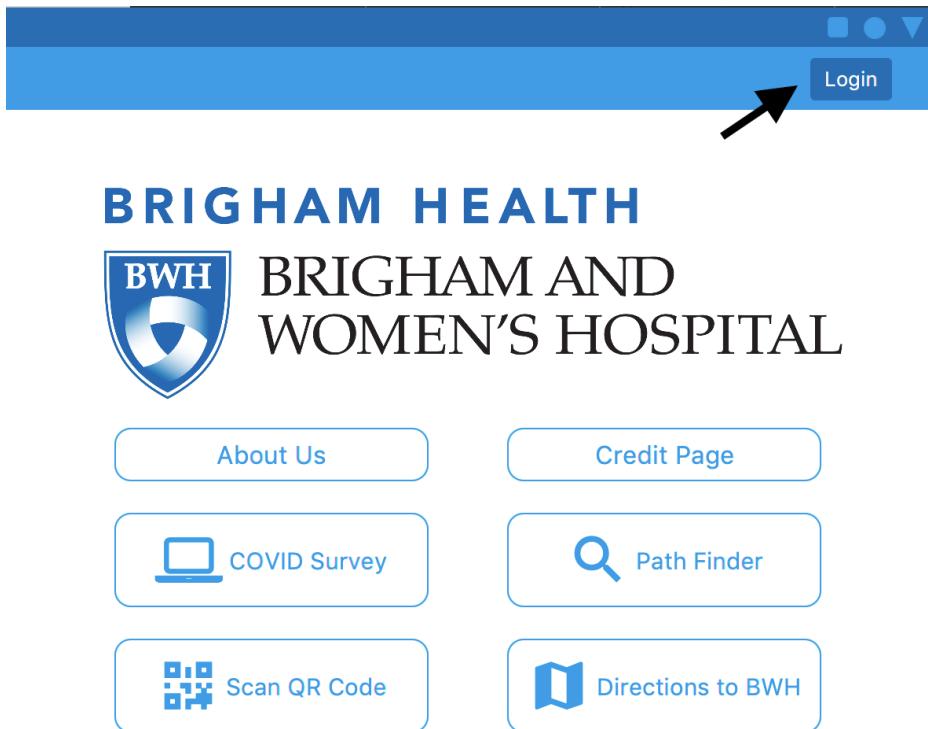
Team Coach: Zachary Wong

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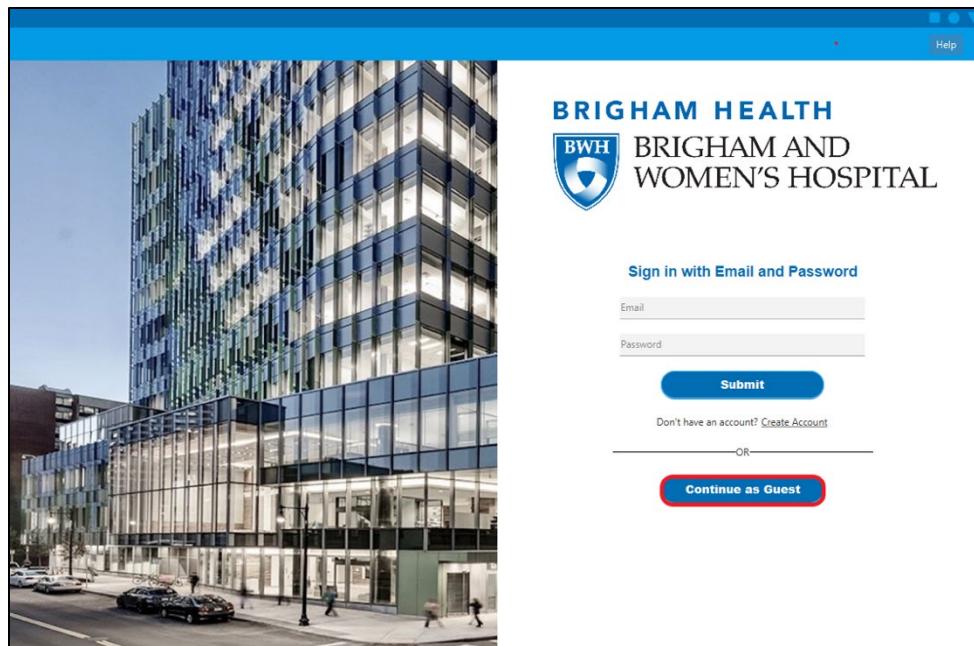
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## 1. Login

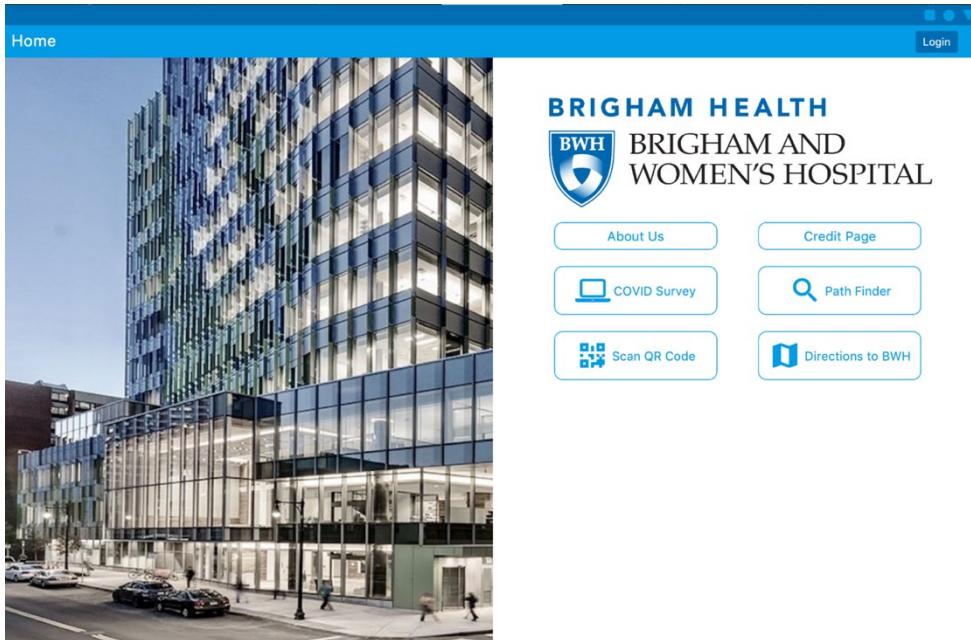


Select the **Login** button in the upper righthand corner of the application window.

### 1.1. Guest

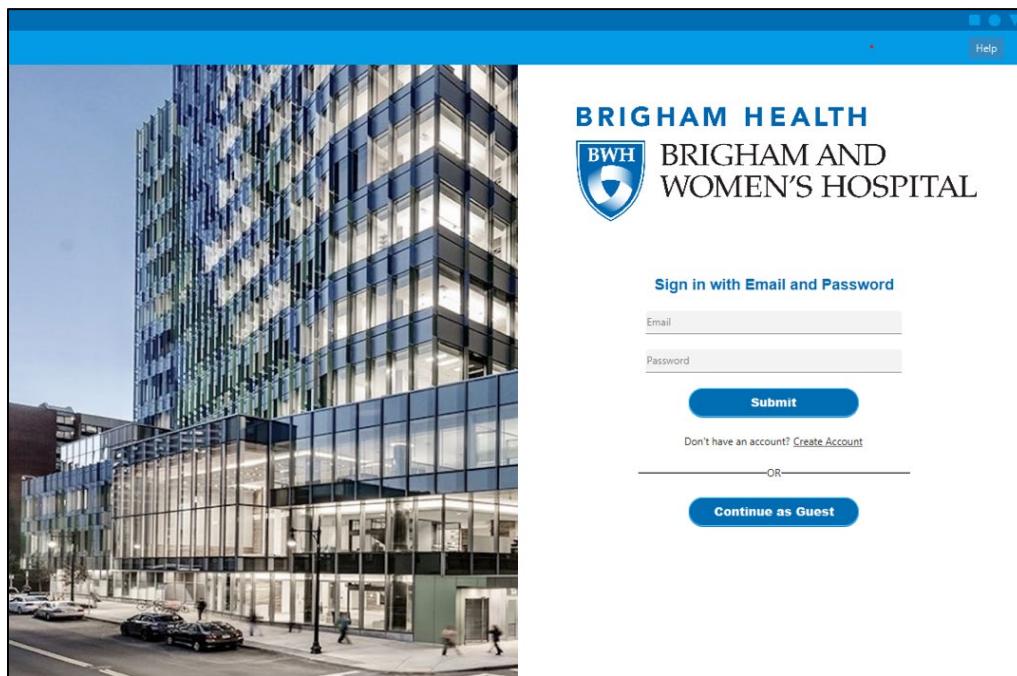


Select the **Continue as Guest** button. If the user does not log in originally they will automatically be entered as a guest.

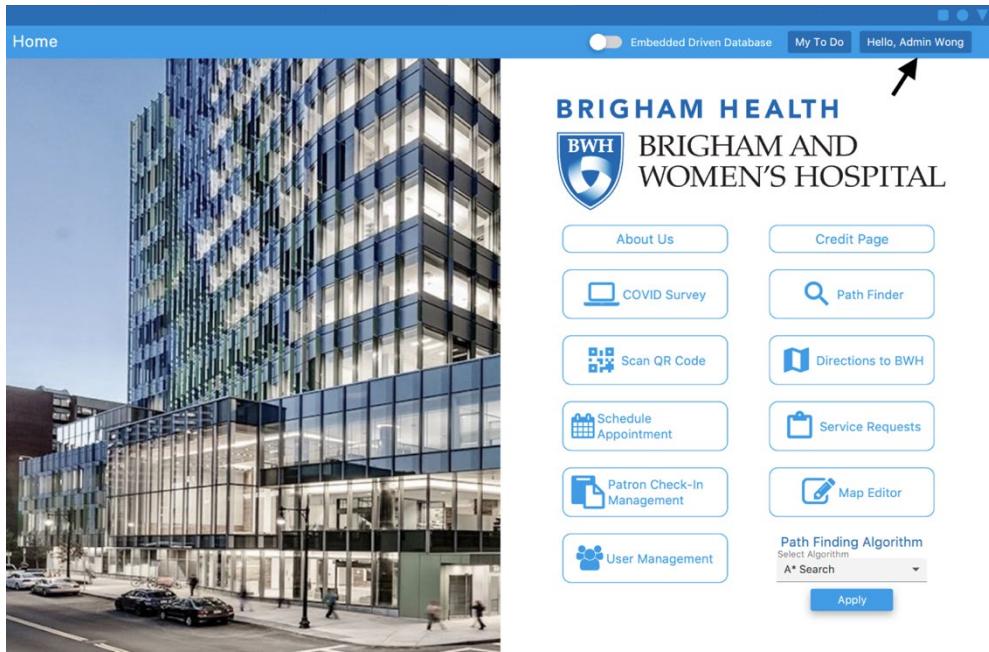


This is the default page when the guest user is logged in.

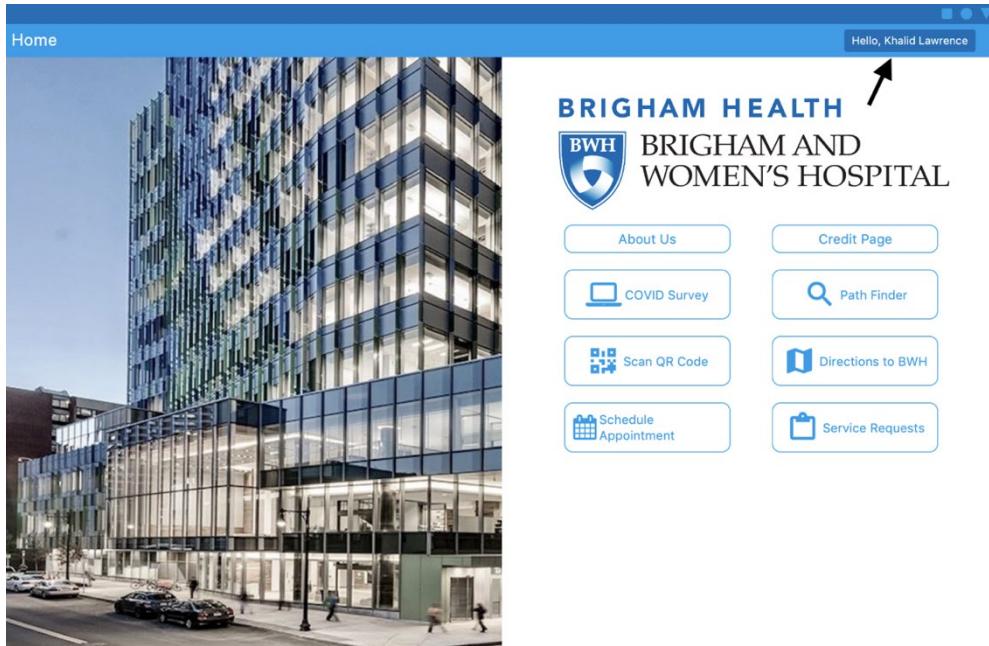
## 1.2. Existing Account



Enter existing credentials into the **Email** and **Password** text fields to log in to an existing account.

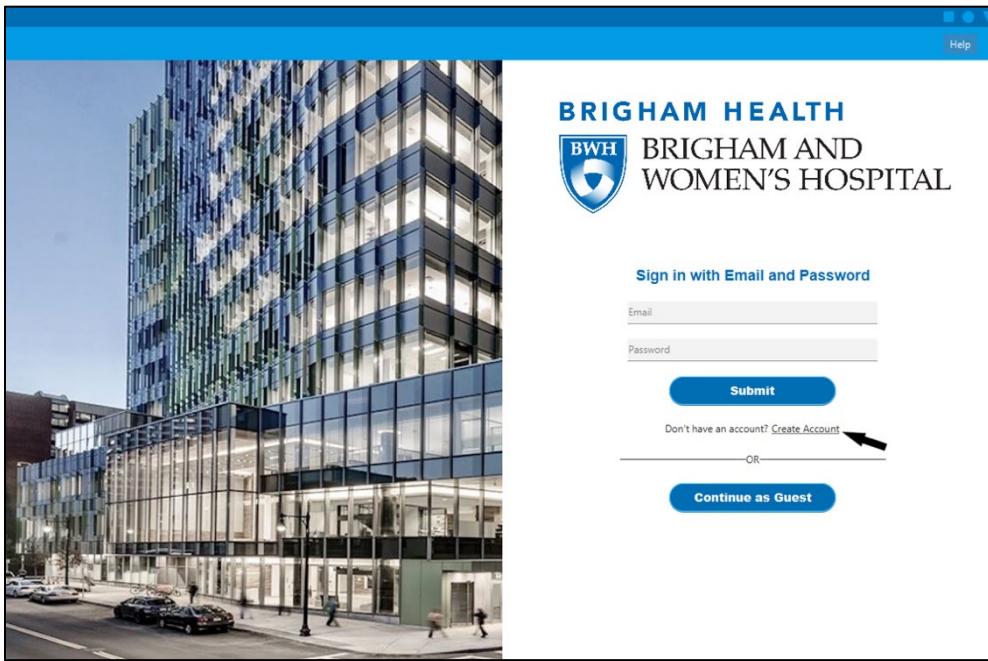


This is the admin default view, they have access to more functionality. To log out they reclick the button for logging in.

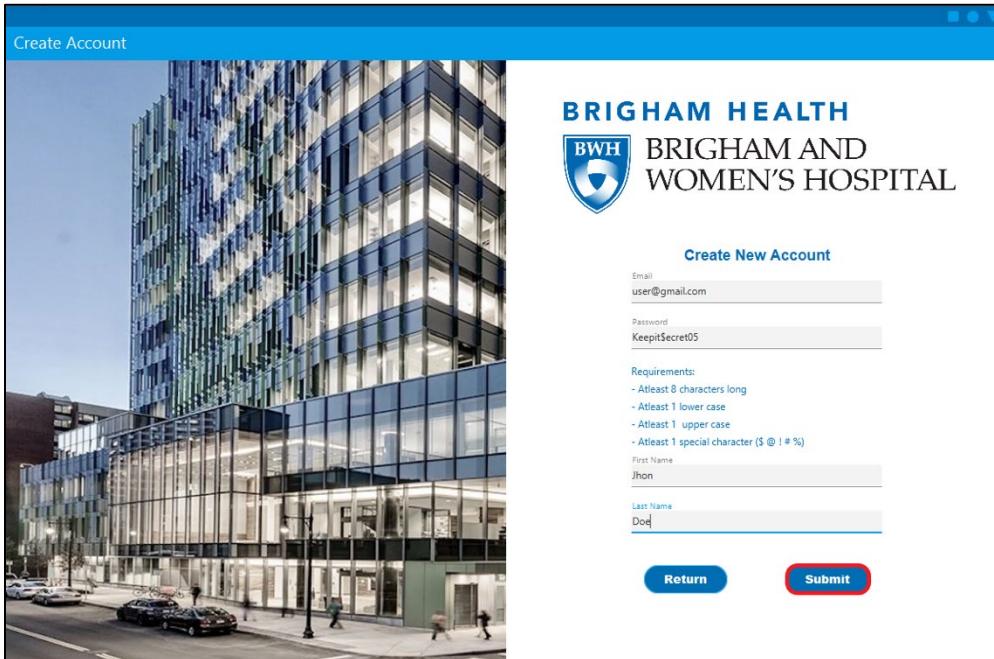


This is the visitor default view, they have access to a few more features than the guest user.

### 1.3. Create Account



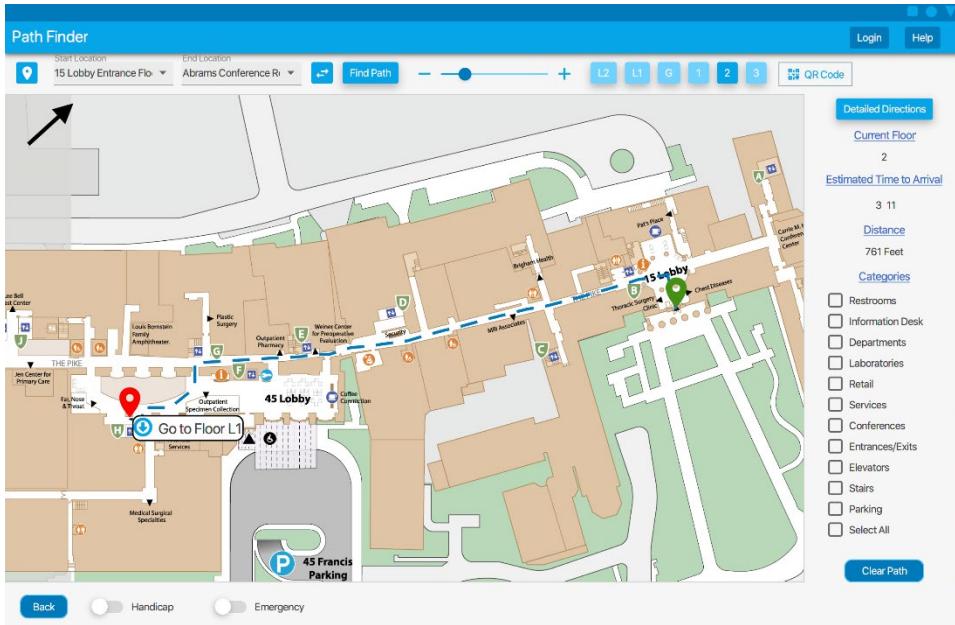
Click on **Create Account**.



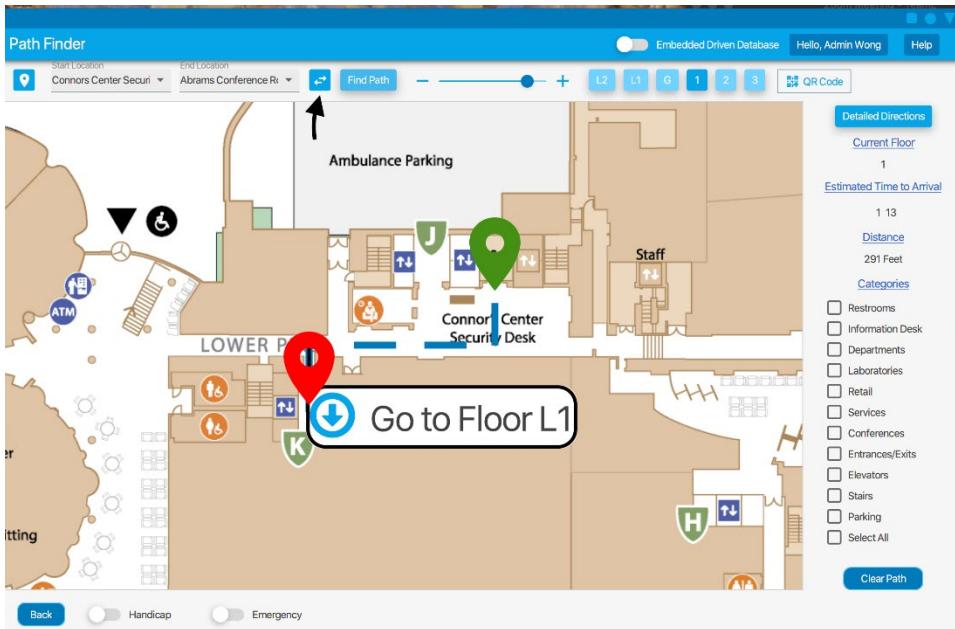
Fill out the **Email**, **Password**, **First Name** and **Last Name** with appropriate inputs. Then select the **Submit** button.

## 2. Pathfinder

### 2.1. Select Start and Destination

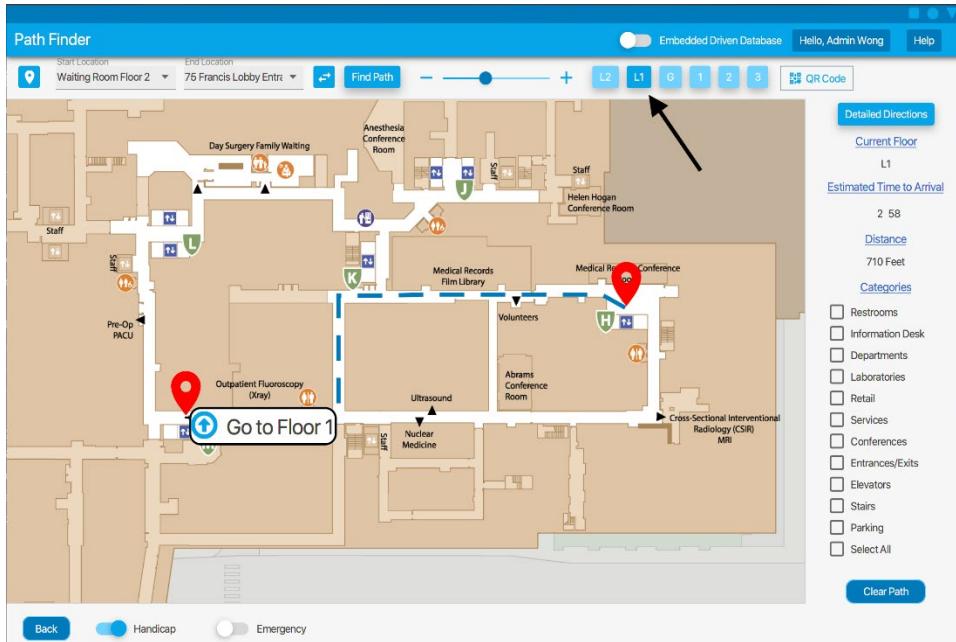


After logging in and selecting the pathfinder icon on the main screen, select from the drop down a start location and a destination. If you have not logged in, you will be reminded that in building pathfinding as a guest is for remote (at home) use only. The text fields can be filled with autocomplete, so you can type in a location or select from the menu. Then click **Find Path**, a path will be shown.



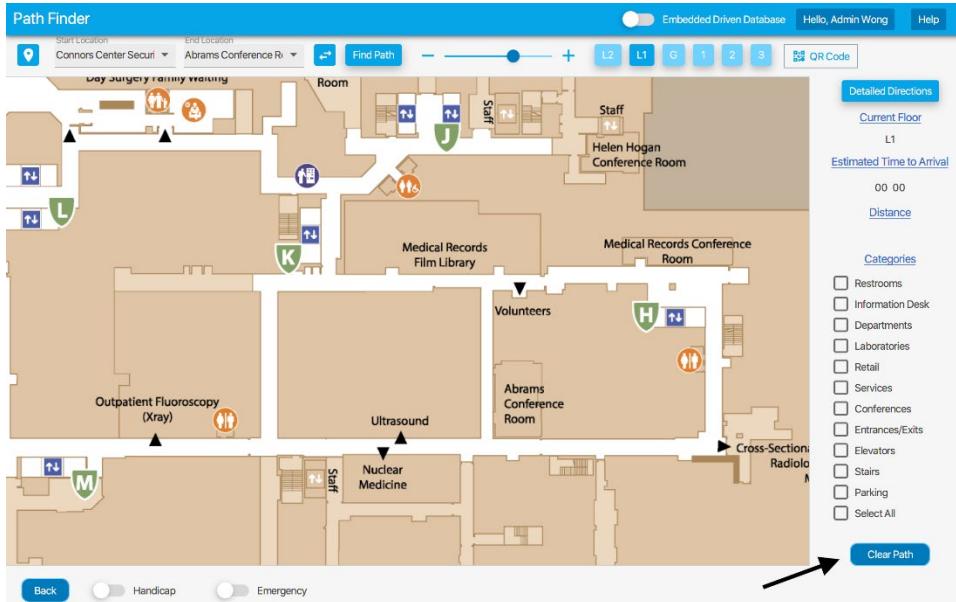
To reverse the locations, select the **swap** button. Remember green is the start, and red is the destination.

## 2.2. Select Floor



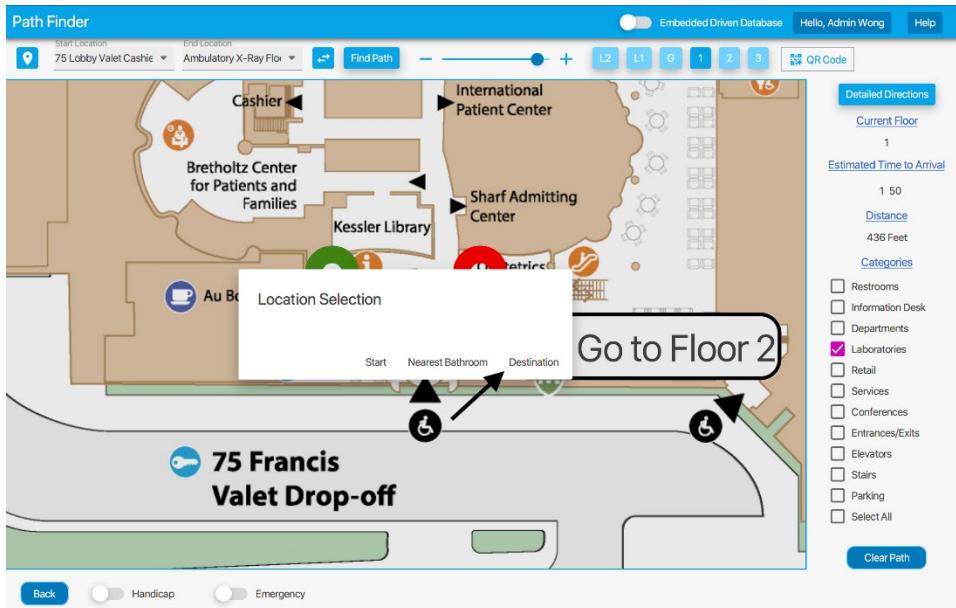
Use the buttons at the top of the application to see different floors on the map. If a path has been drawn that will take you to another floor, click the label with the “Go to Floor” text.

## 2.3. Clear Path



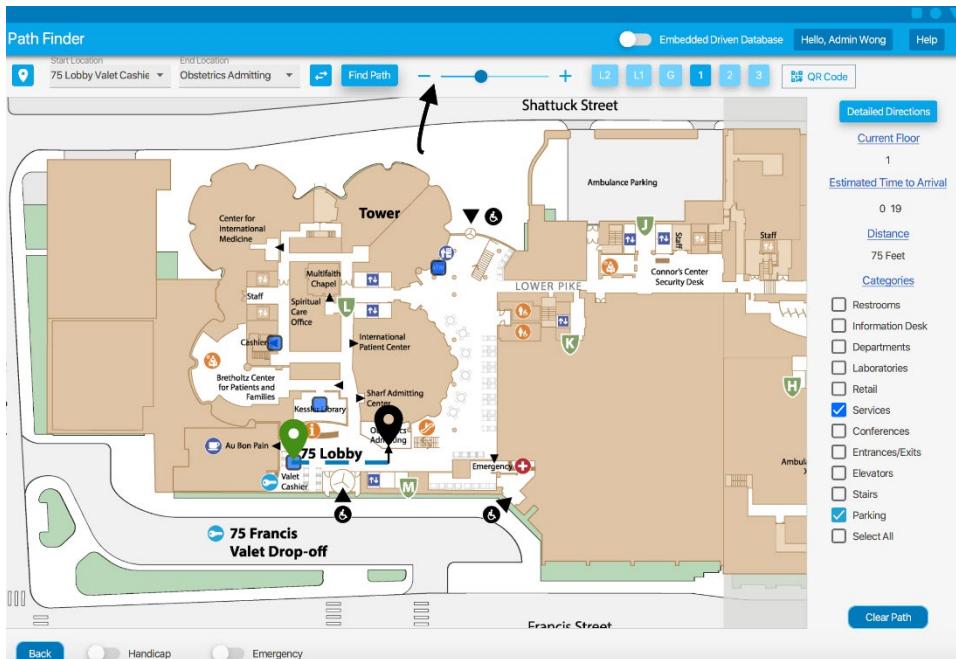
To clear the path from the screen, select **Clear Path**.

## 2.4. Click Functionality



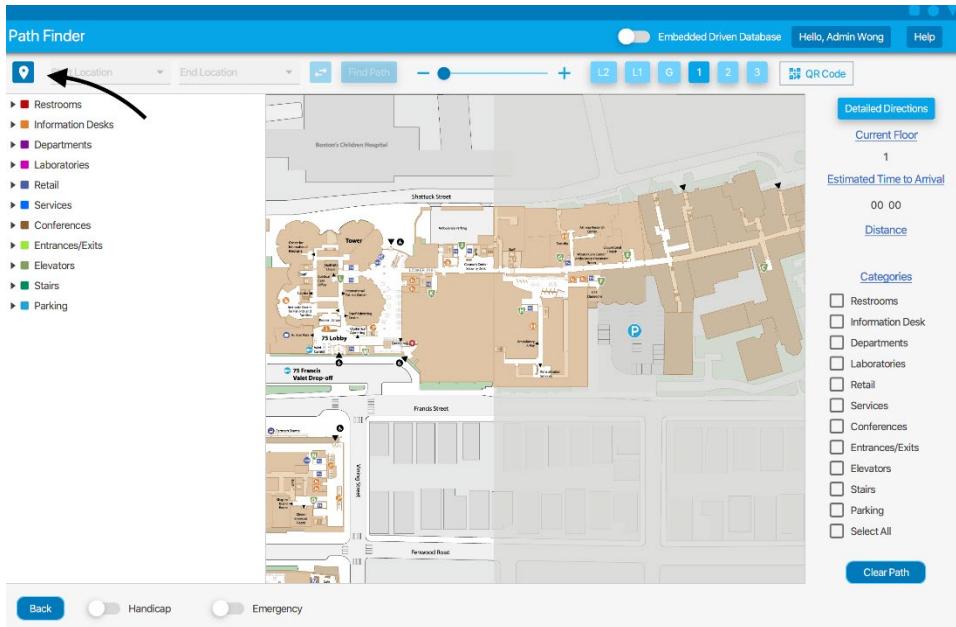
An alternative to selecting locations from the dropdown is by pressing anywhere on the map. Click where you want to go by first selecting a category and then selecting one of the colored icons, then **Destination**. If in need of a bathroom, select nearest bathroom, then **Find Path**.

## 2.5. Zooming



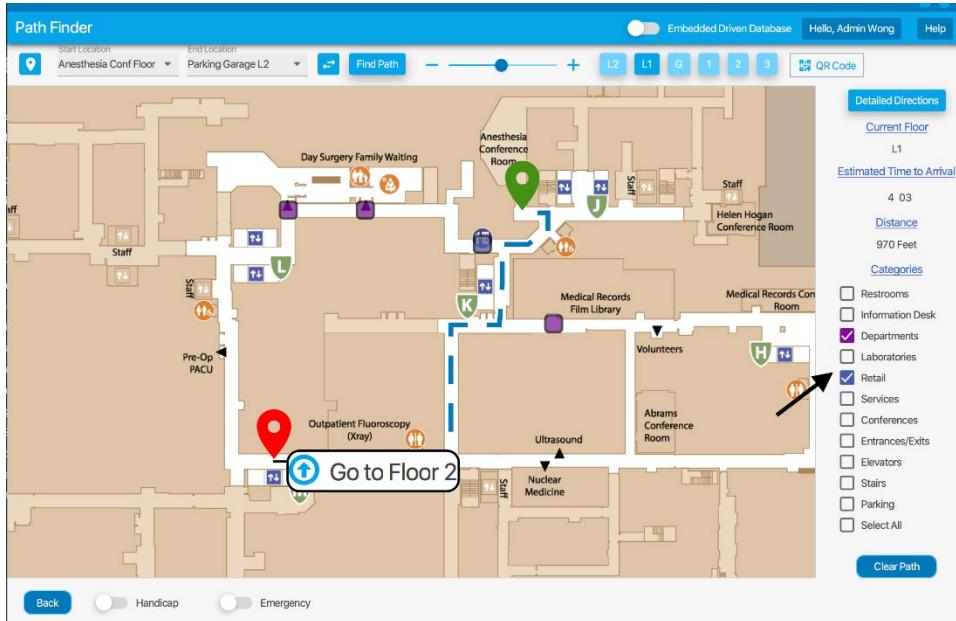
To zoom in and out simply drag the **slider** or click on the **+/-** button.

## 2.6. Directory



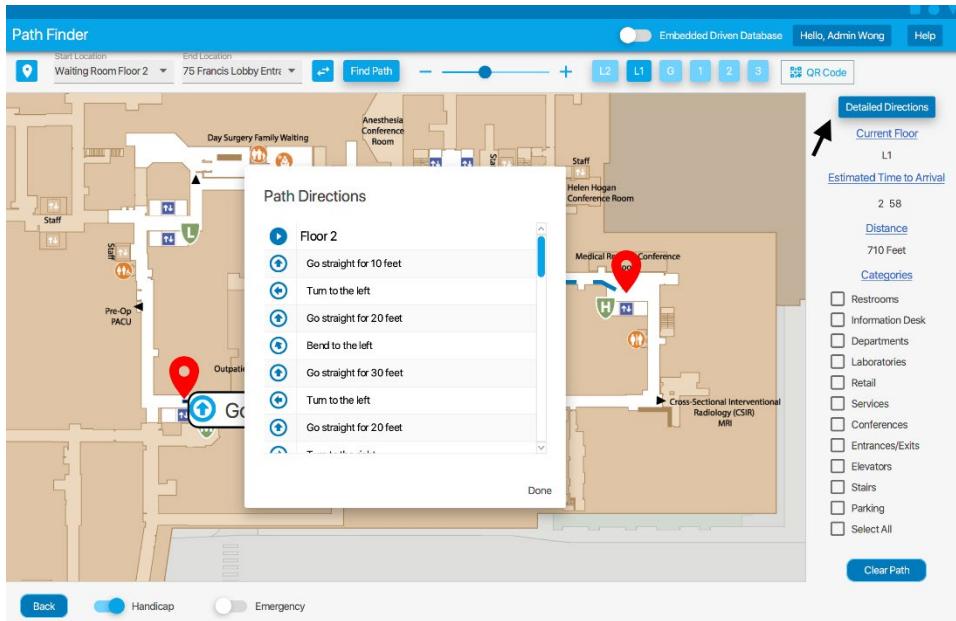
To access the directory for all possible locations, sorted by category, select the top left icon to access the dropdown.

## 2.7. Categories



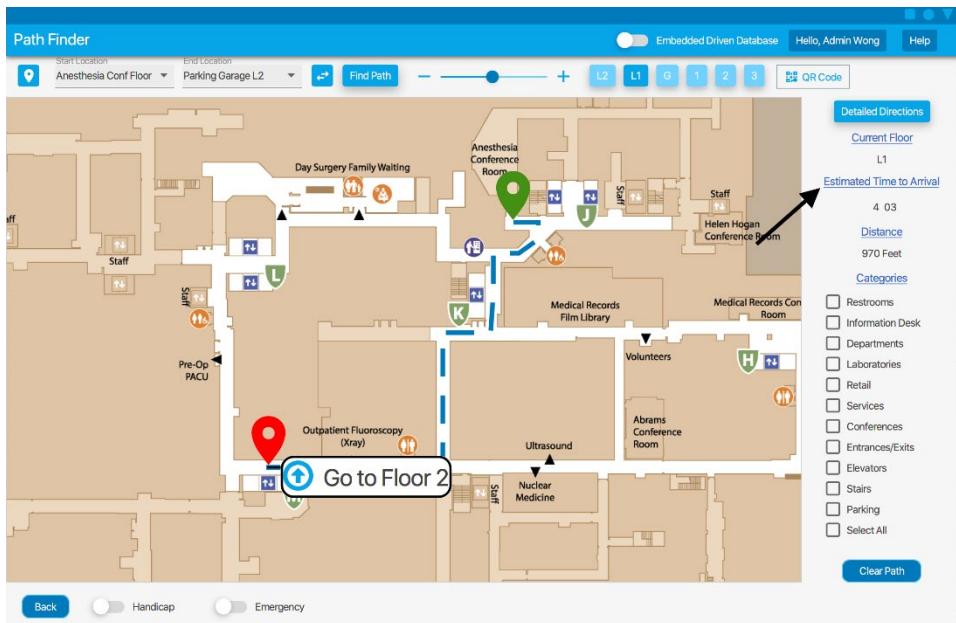
To see different types of locations on the map select any of the categories right to display their location on the map.

## 2.8. Detailed Directions



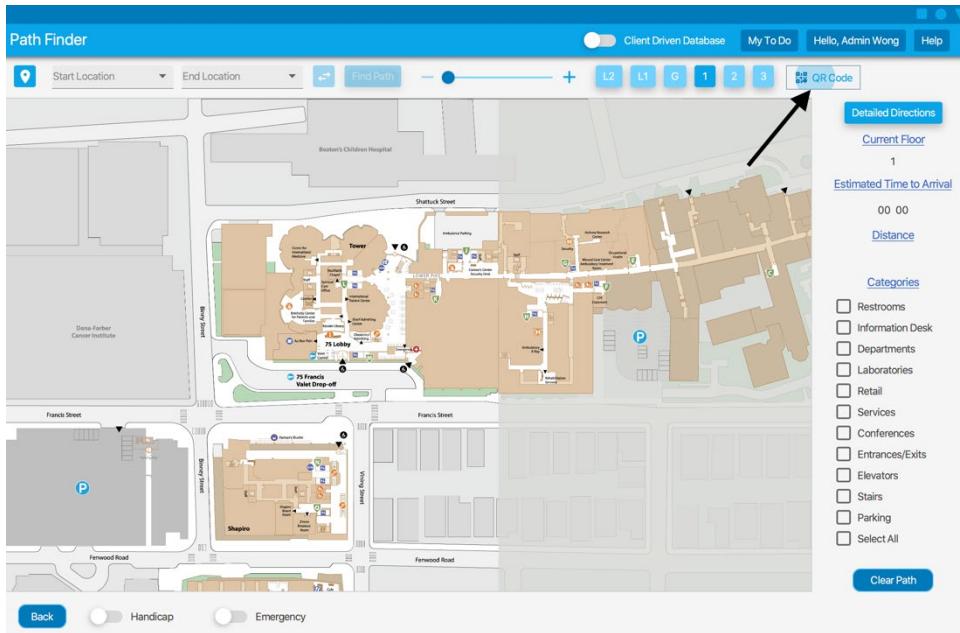
To see detailed directions of your path, select **Detailed Directions** on the right-hand side of the screen. Directions include floor labels, distances, categorized turns, floor change instructions, and icons depicting the direction for ease of use.

## 2.9. ETA and Distance



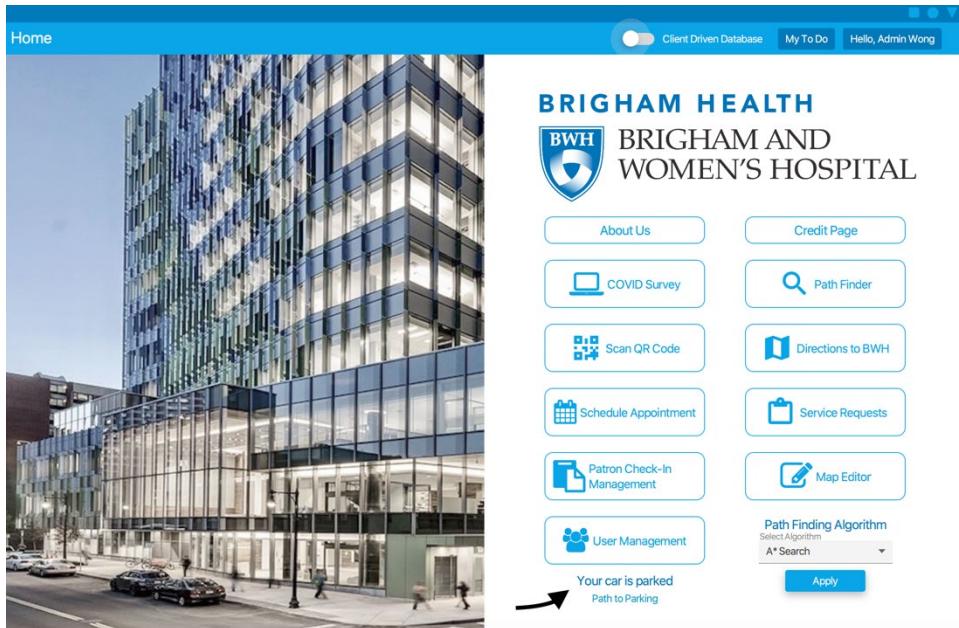
The right-hand side of the page will show the current floor, the length of the path, and the estimated time to arrival.

## 2.10. QR Code



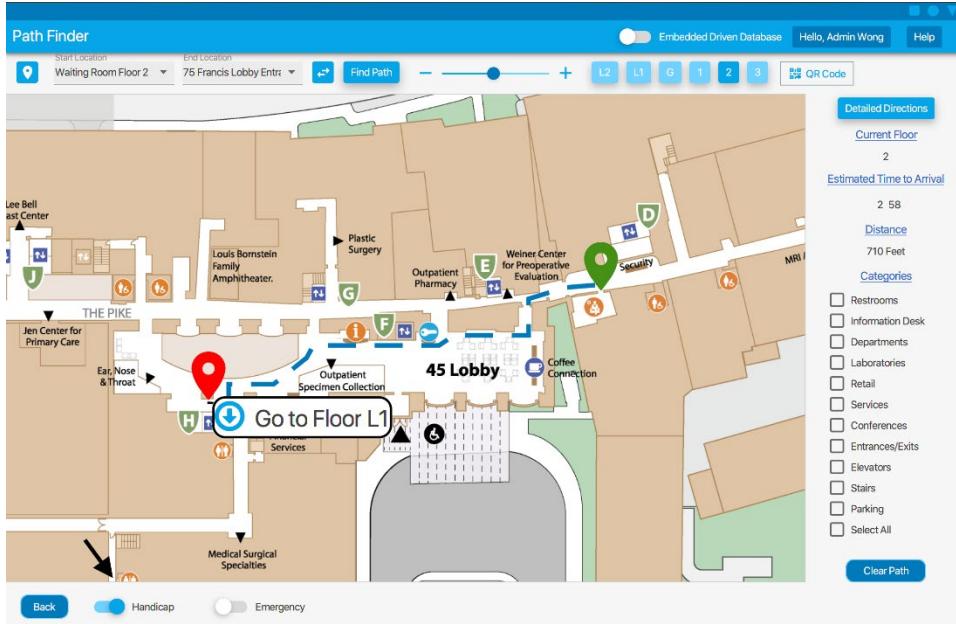
The start location can also be selected via QR codes posted around the hospital. To do this, simply hit the QR Code button, which will bring up your webcam display. Hold your webcam up to the nearest QR code and the application will automatically fill in the 'Start Location'.

## 2.11. Parking



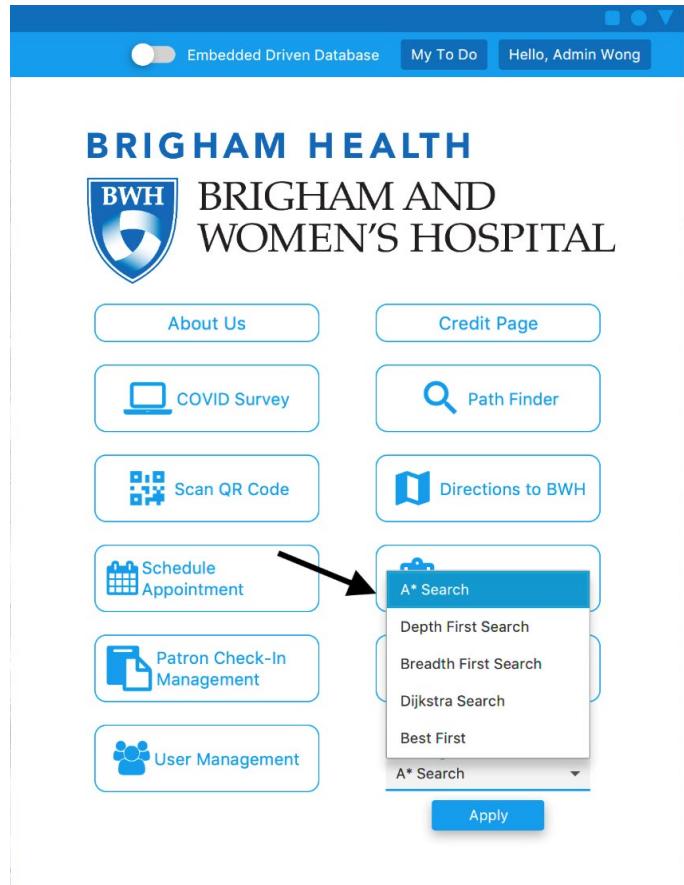
There are also QR codes at each parking space, which can be scanned to have the application save that parking space. Then, once logged in, the When you park you can scan these and the application will save this as your parking spot.

## 2.12. Pathfinding for Special Circumstances



If handicapped or in an emergency, select the toggles at the bottom before clicking Find Path to plan the fastest and/or most accessible route. Handicapped prevents the path from taking stairs and only uses elevators, while Emergency will take a path through the ER if that is faster and having Emergency unselected will prevent the path from going through the ER.

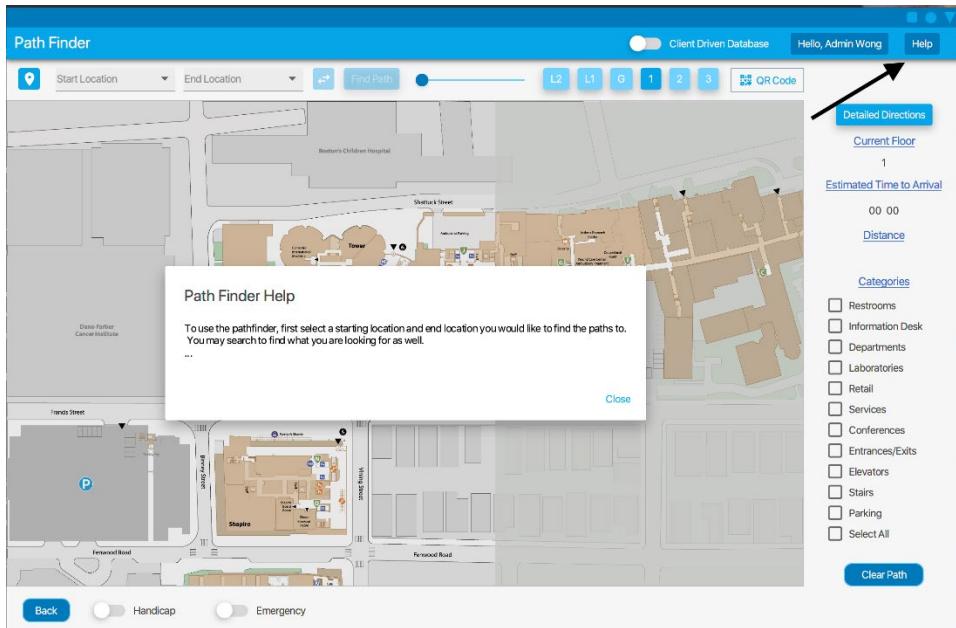
## 2.13. Change Pathfinding Algorithm



After logging in, an admin is able to change the pathfinding algorithm by selecting the desired algorithm from the dropdown.

Once the map is visible again, select a start and a destination to display that algorithm's path.

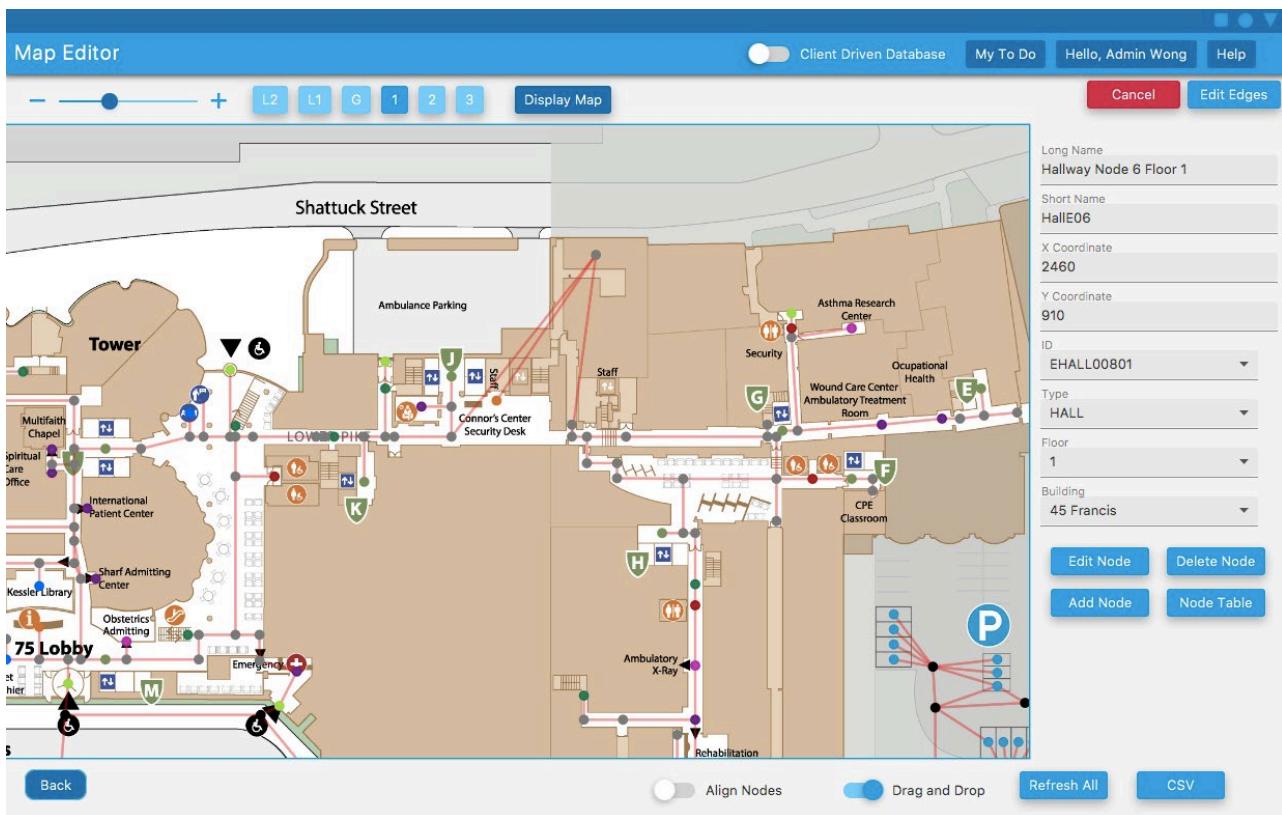
#### 2.14. Help



If having trouble accessing any features, select the **Help** button located at the top right corner of the screen for more information.

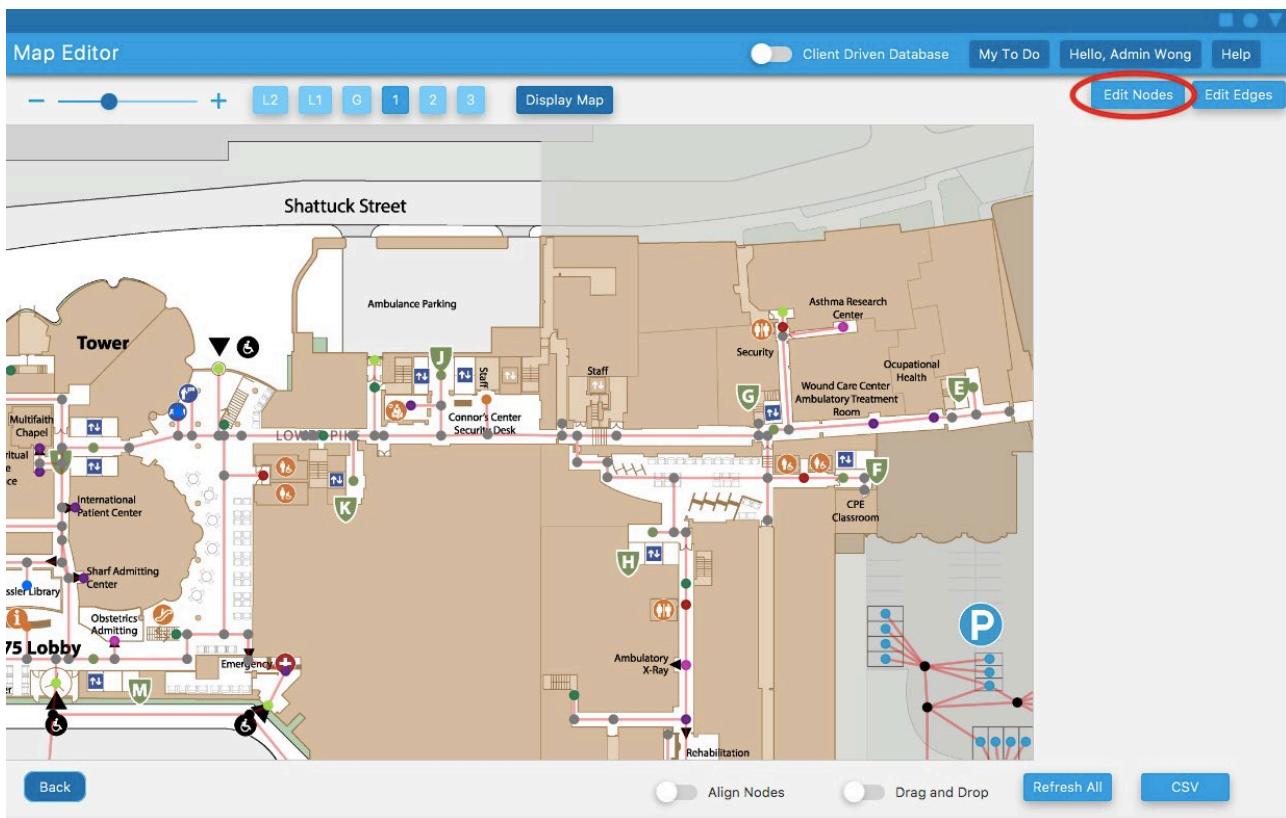
### 3. Map Builder

#### 3.1. Drag and Drop



To enter drag and drop mode select the **Drag and Drop** button, then select a node and move it to the desired location.

### 3.2. Edit Node



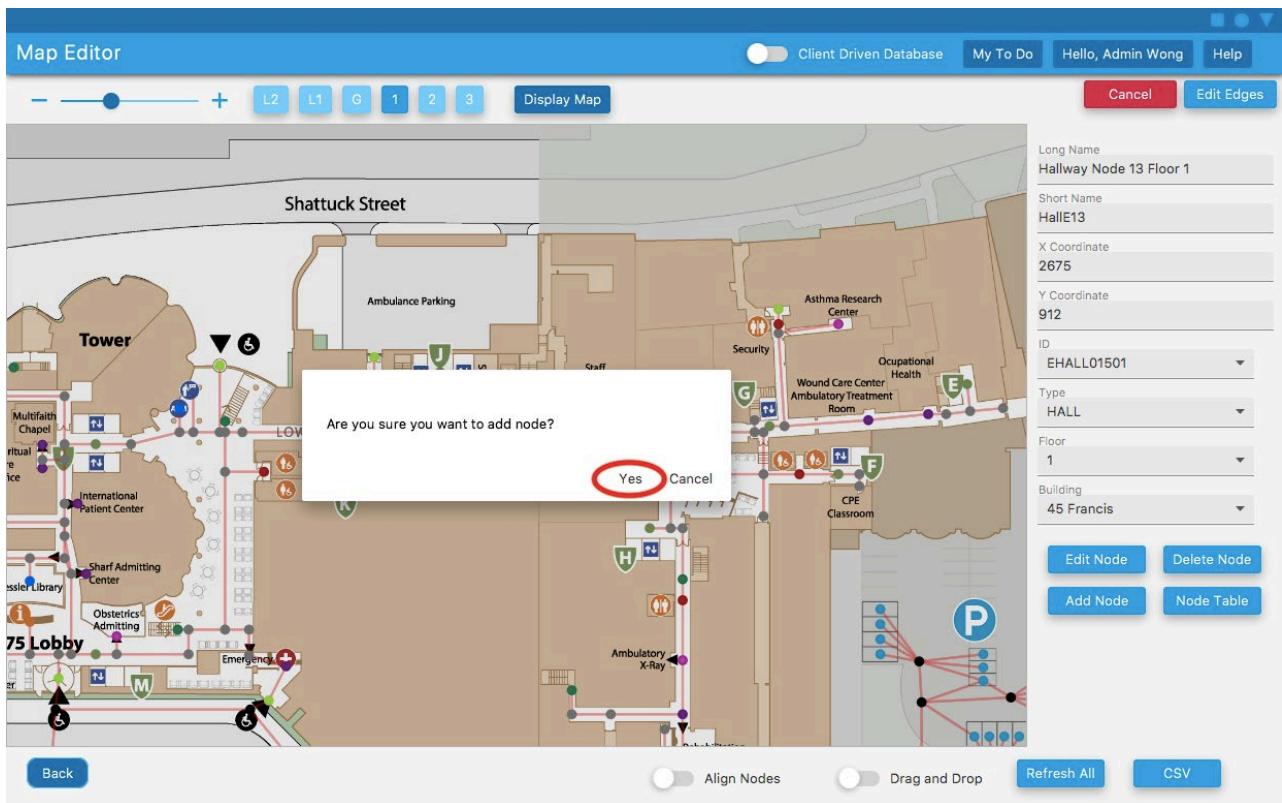
To edit a node on the map select the **Edit Nodes** button.



Select the desired node and modify the desired field.

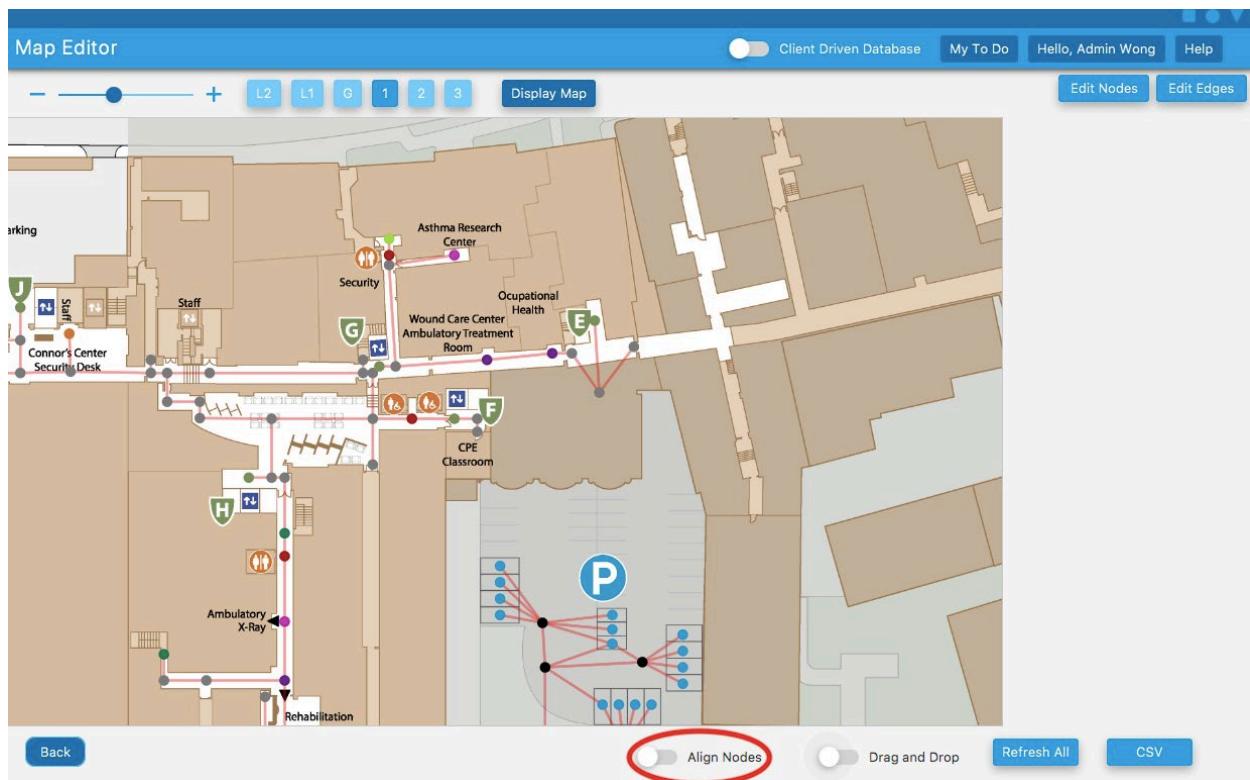


When you are finished modifying the desired field or fields click on the **Edit Node** button.



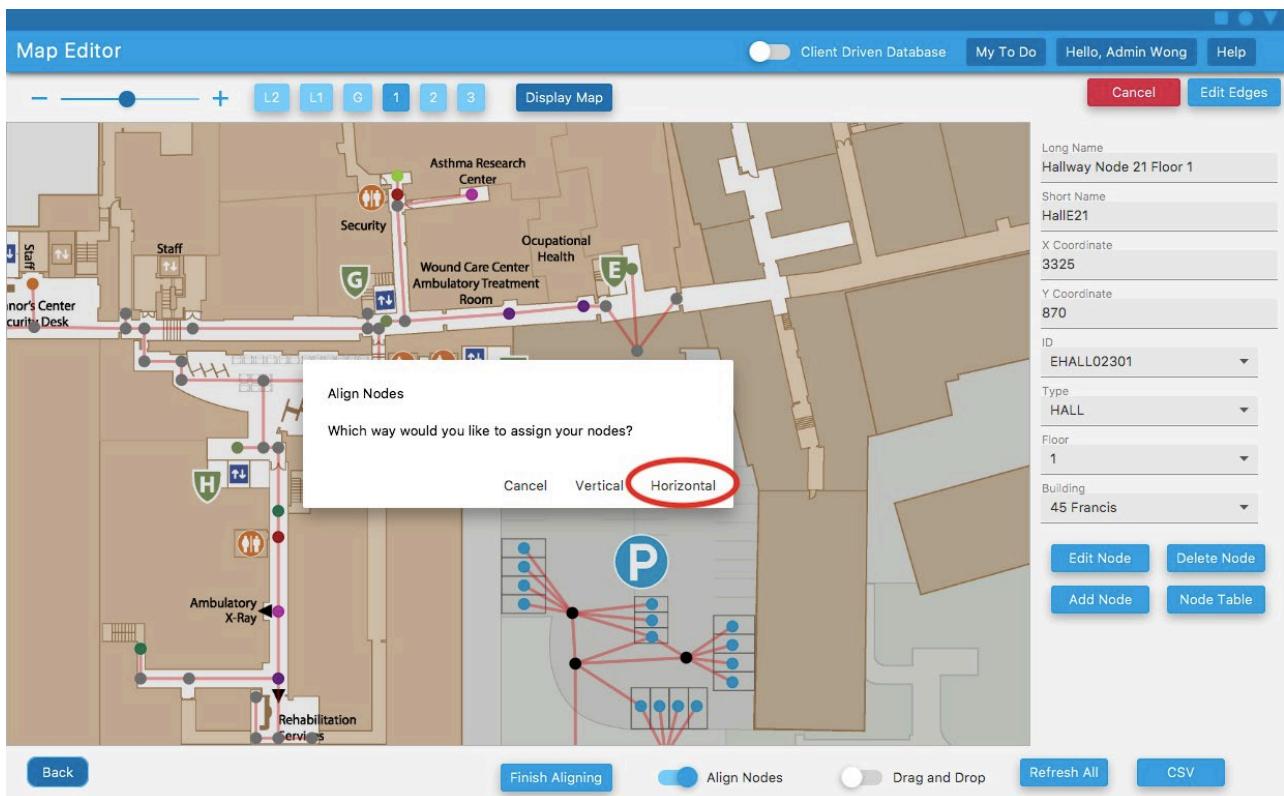
If you truly wish to edit this node on the pop up select **Yes** if not select **Cancel**.

### 3.3. Align Nodes

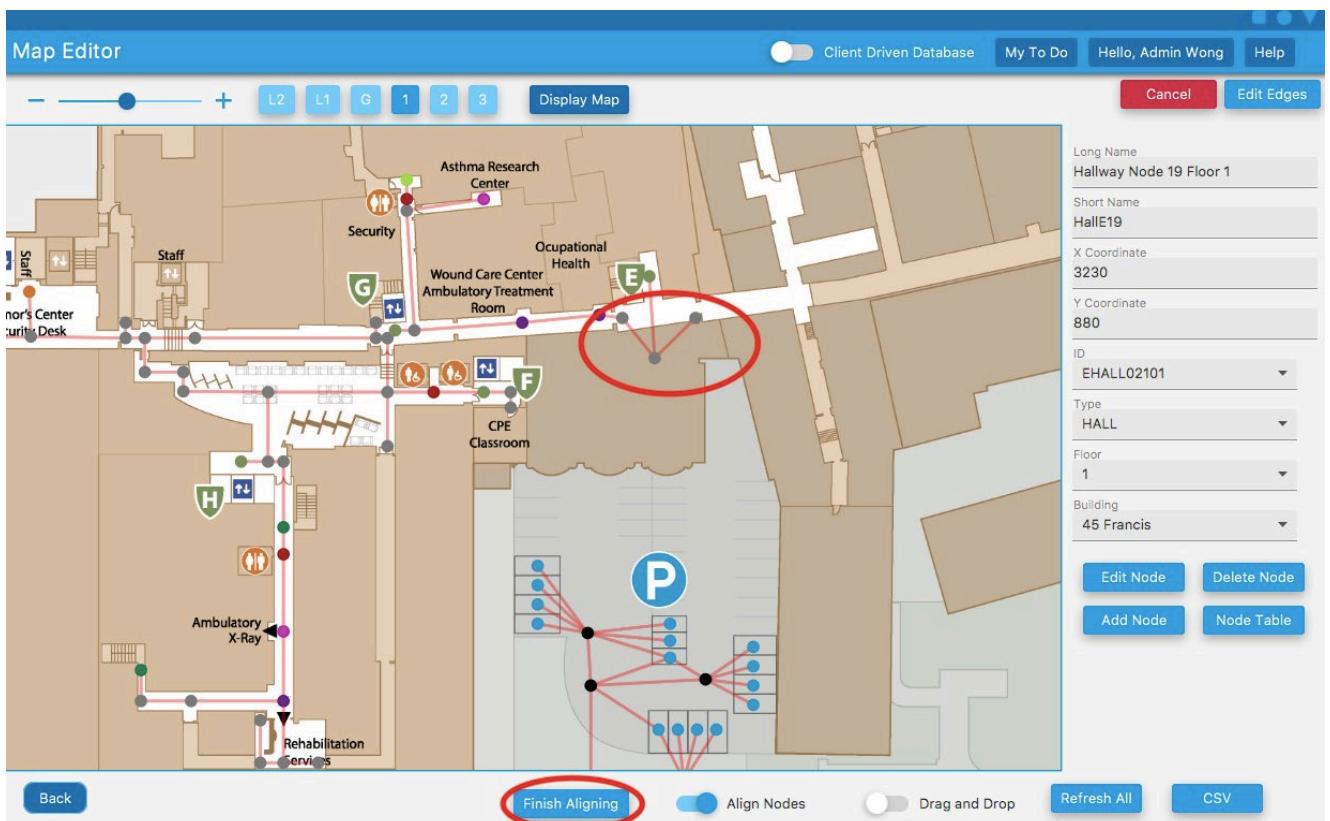


Select the **Align Nodes** button.

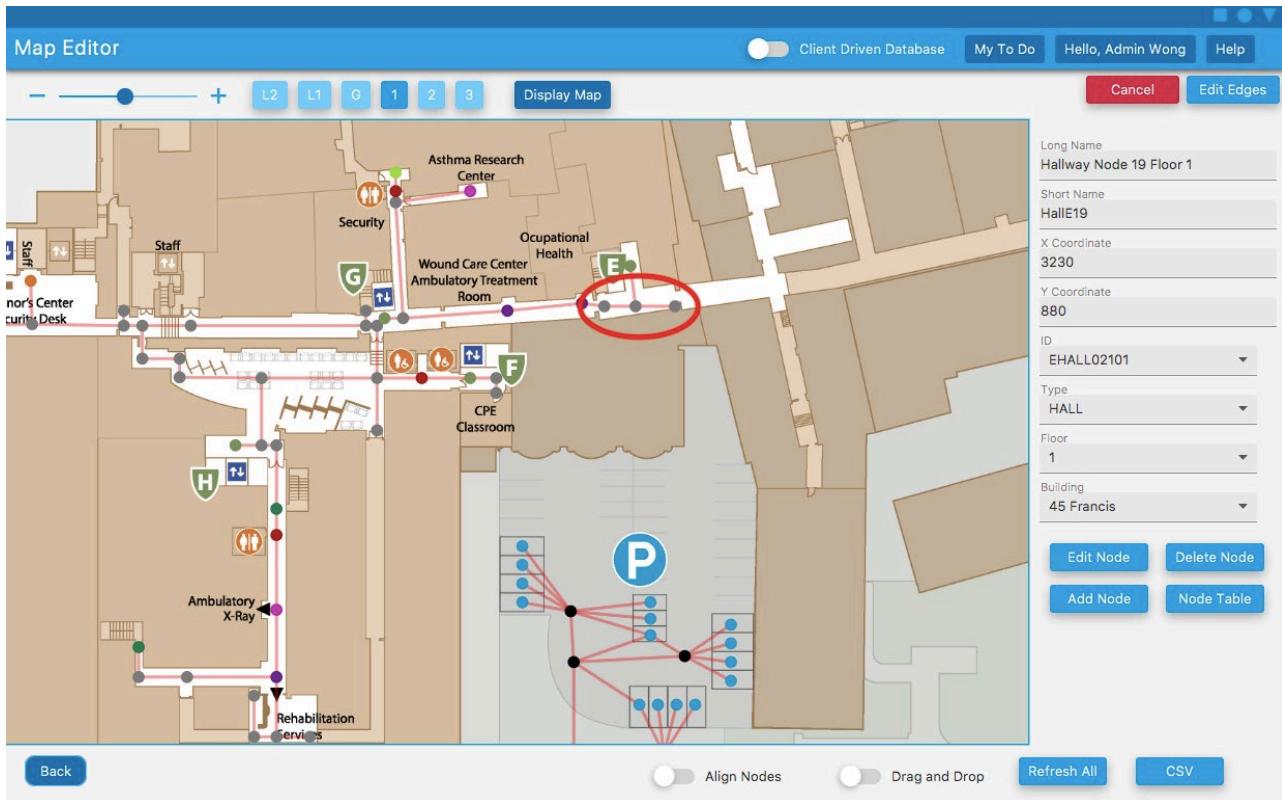
### 3.3.1. Align Horizontal



Select the **Horizontal** button on the popup.

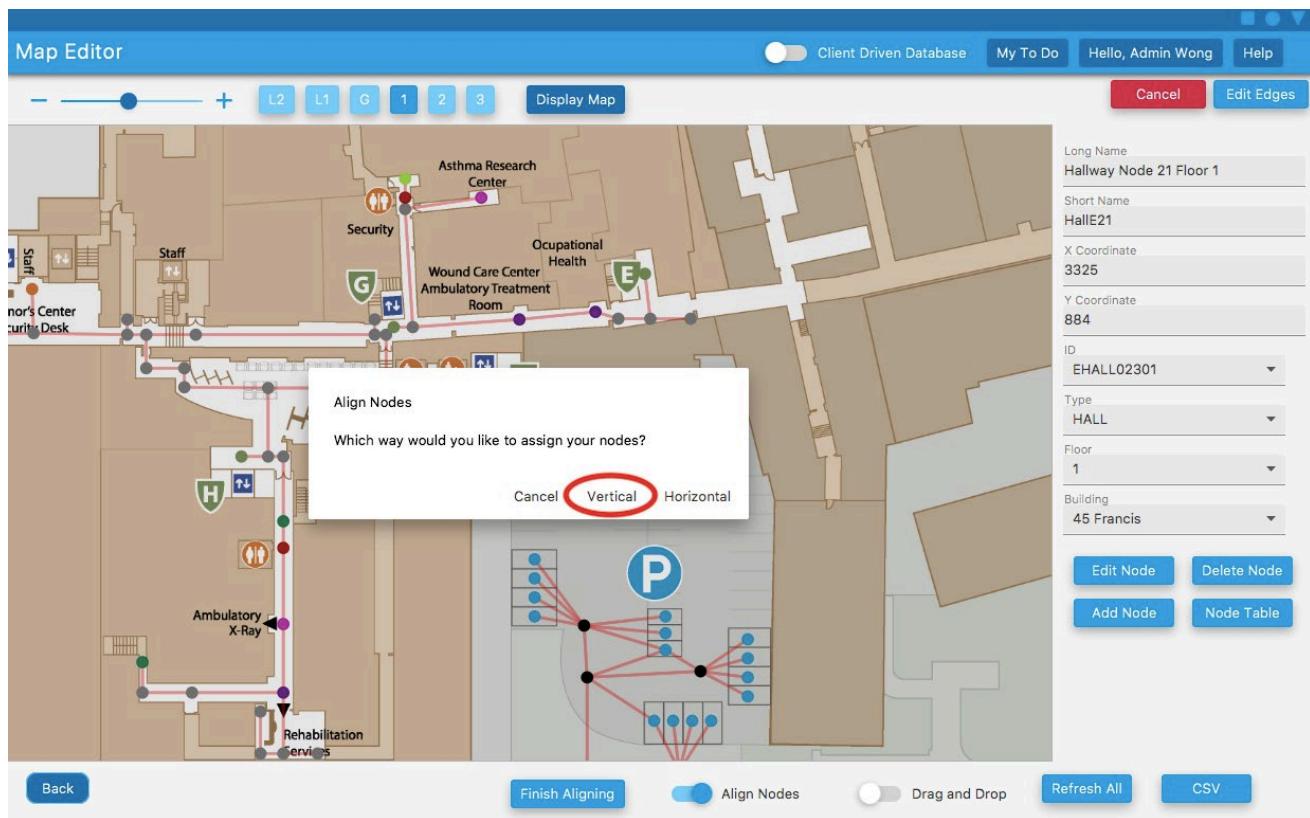


Double click on each node you would like to align, and select **Finish Aligning** button

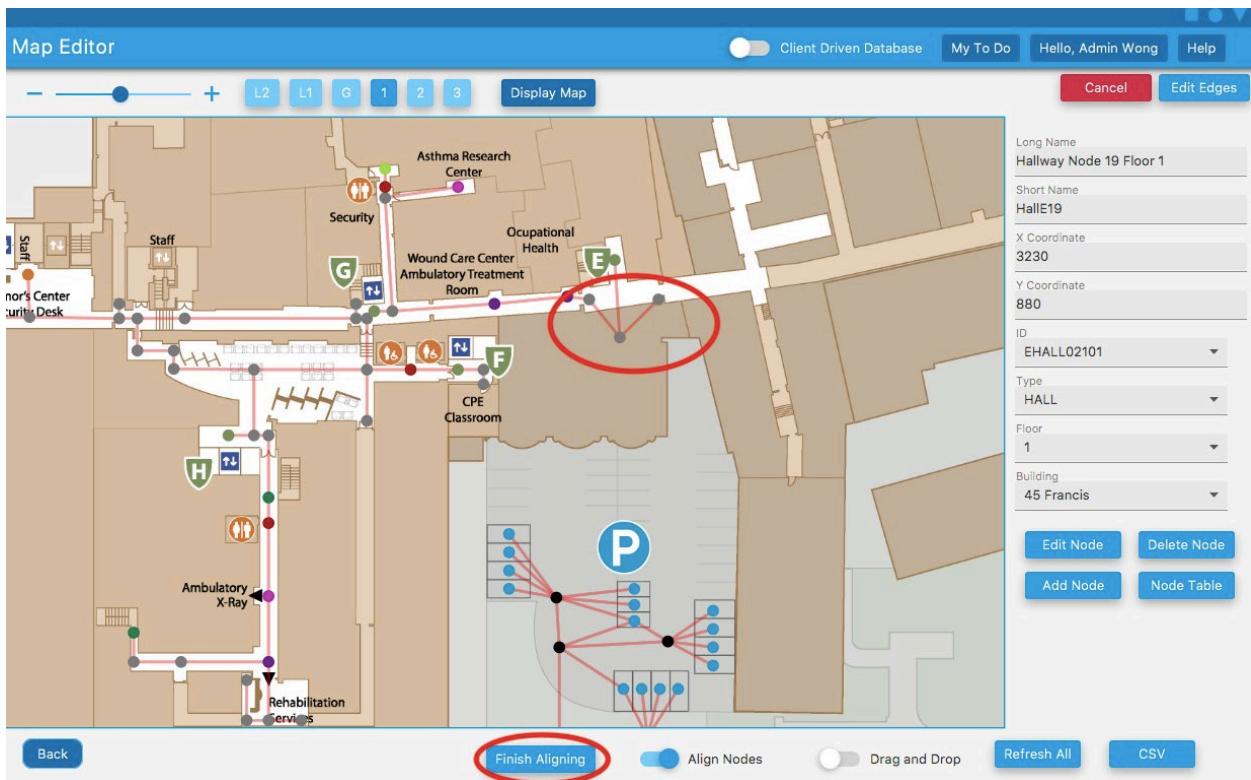


Double click on the axis you want the nodes to be aligned on, and they will automatically align.

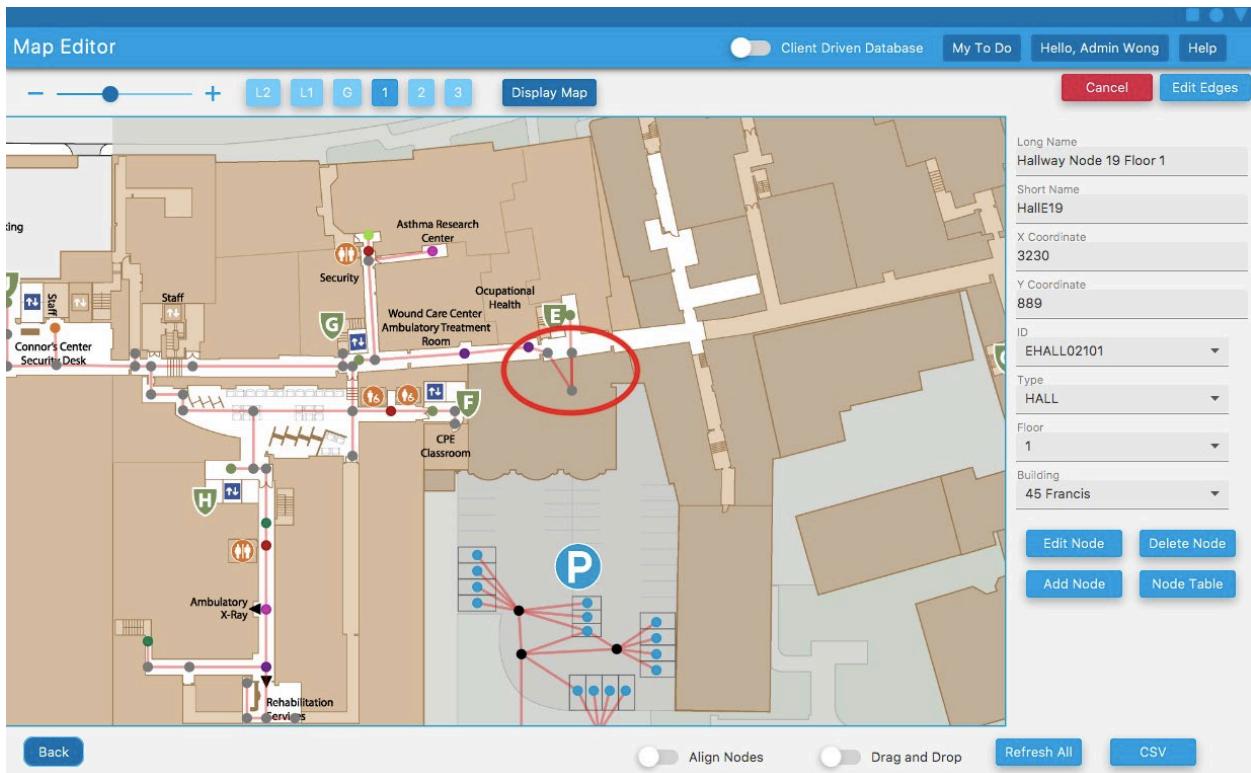
### 3.3.2. Align Vertically



Select the **Vertical** button on the popup.

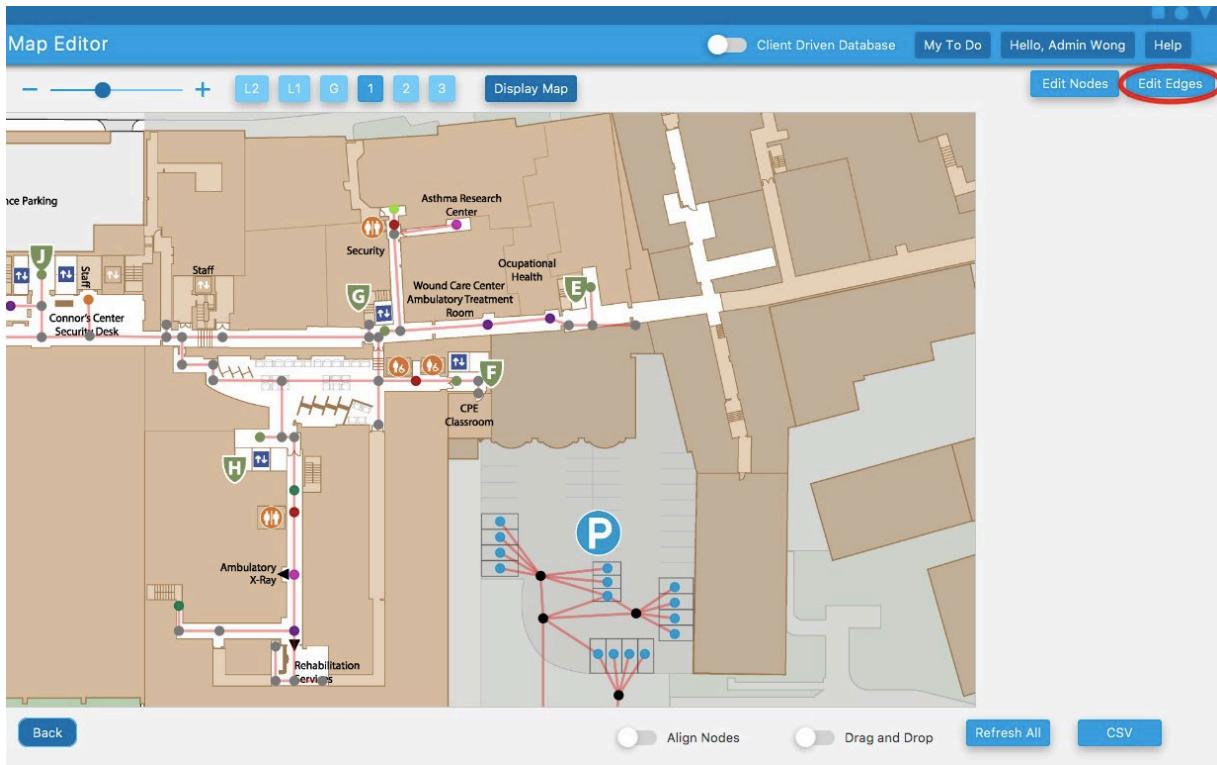


Double click on the nodes you want to align and press **Finish Aligning** button



Double click on the axis you want the nodes to be aligned on, and they will automatically align.

### 3.4. Edit Edges



Click on the **Edit Edges** button.

**Map Editor**

Client Driven Database My To Do Hello, Admin Wong Help

L2 L1 G 1 2 3 Display Map Edit Nodes Cancel

Edge ID  
Start Location  
Right Parking Lot Spot ...  
End Location  
Delete Edge  
Edge Ta...  
Add Edge  
Cancel

Back Align Nodes Drag and Drop Refresh All CSV

**Map Editor**

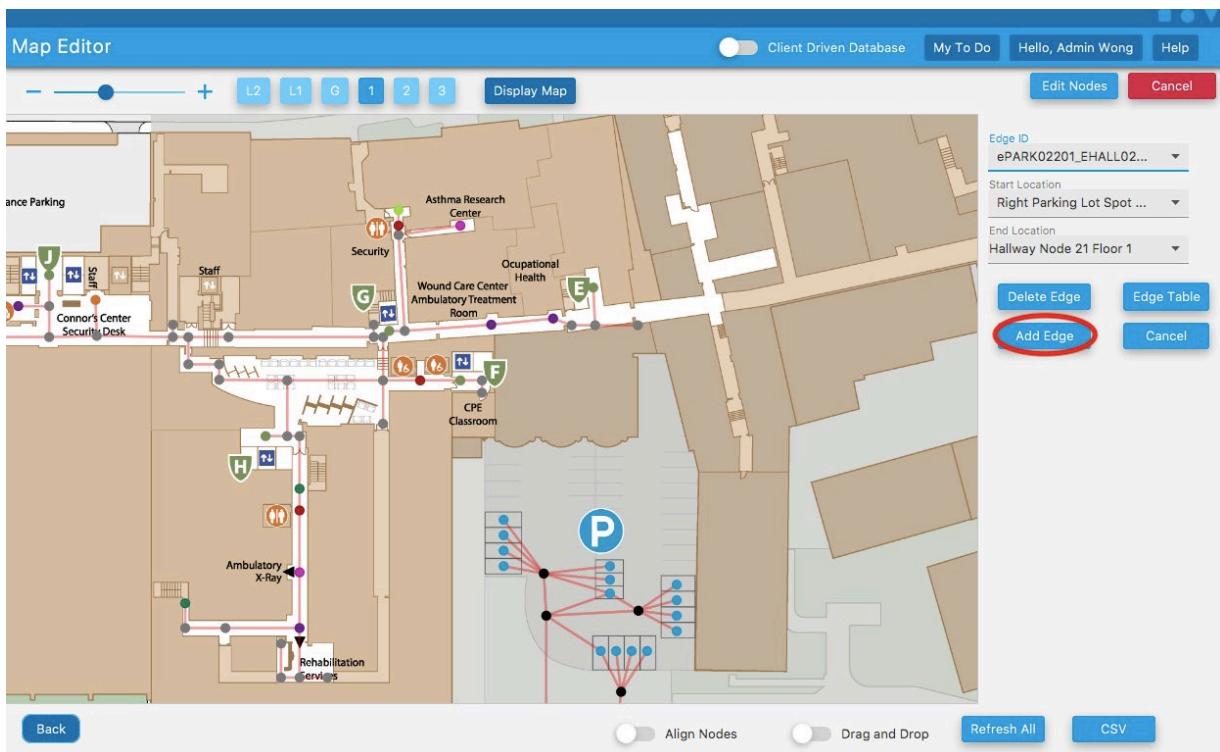
Client Driven Database My To Do Hello, Admin Wong Help

L2 L1 G 1 2 3 Display Map Edit Nodes Cancel

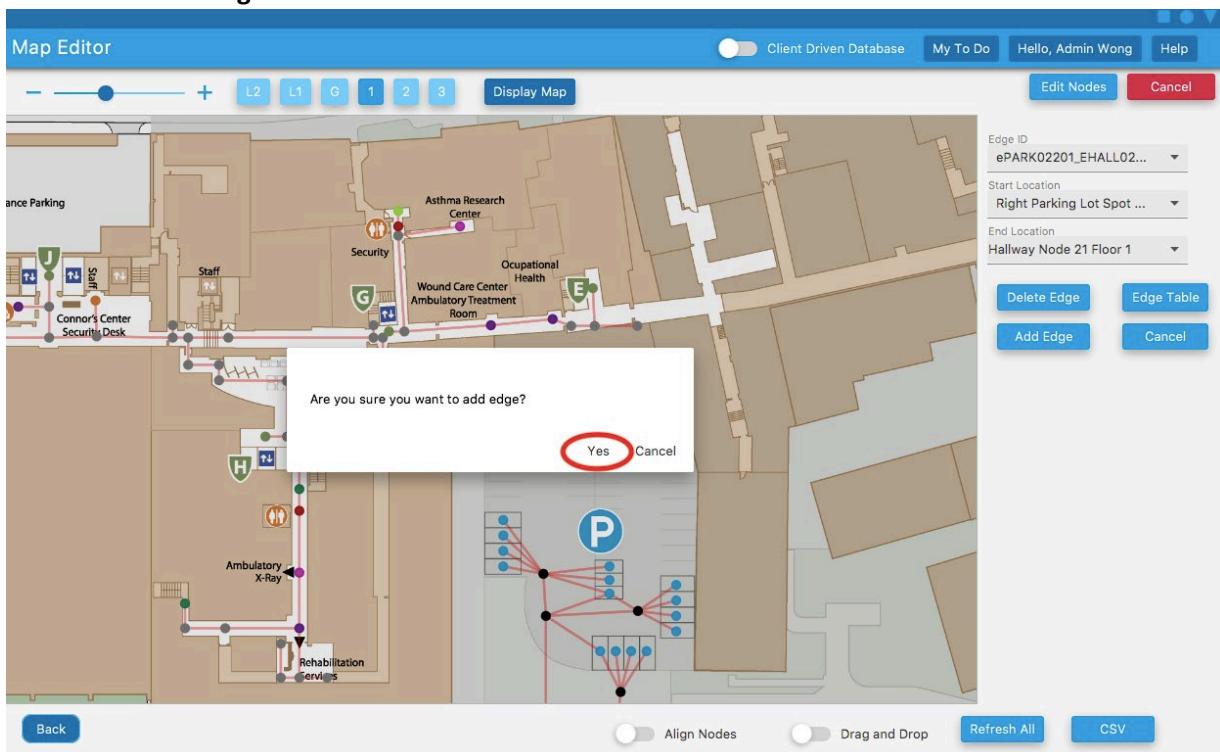
Edge ID  
ePARK02201\_EHALLO2...  
Start Location  
Right Parking Lot Spot ...  
End Location  
Hallway Node 21 Floor 1  
Delete Edge  
Edge Ta...  
Add Edge  
Cancel

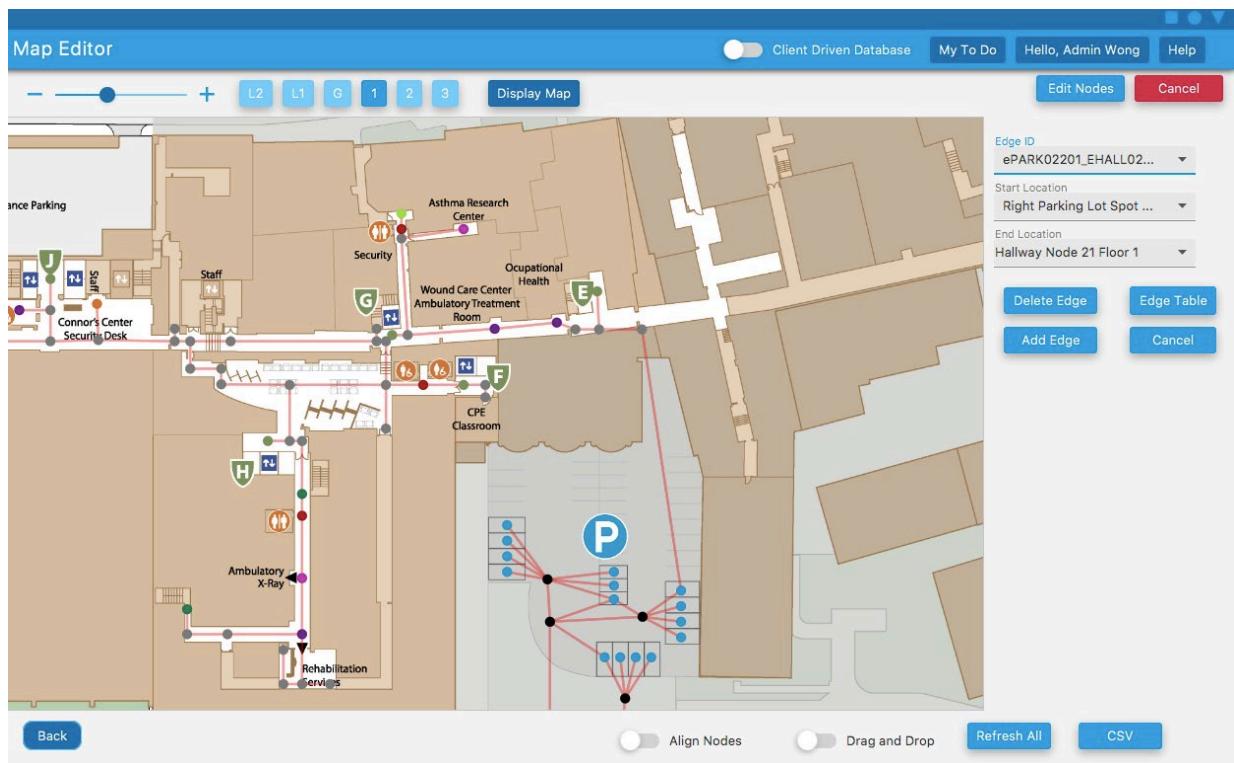
Back Align Nodes Drag and Drop Refresh All CSV

Click on the start node then the end node.



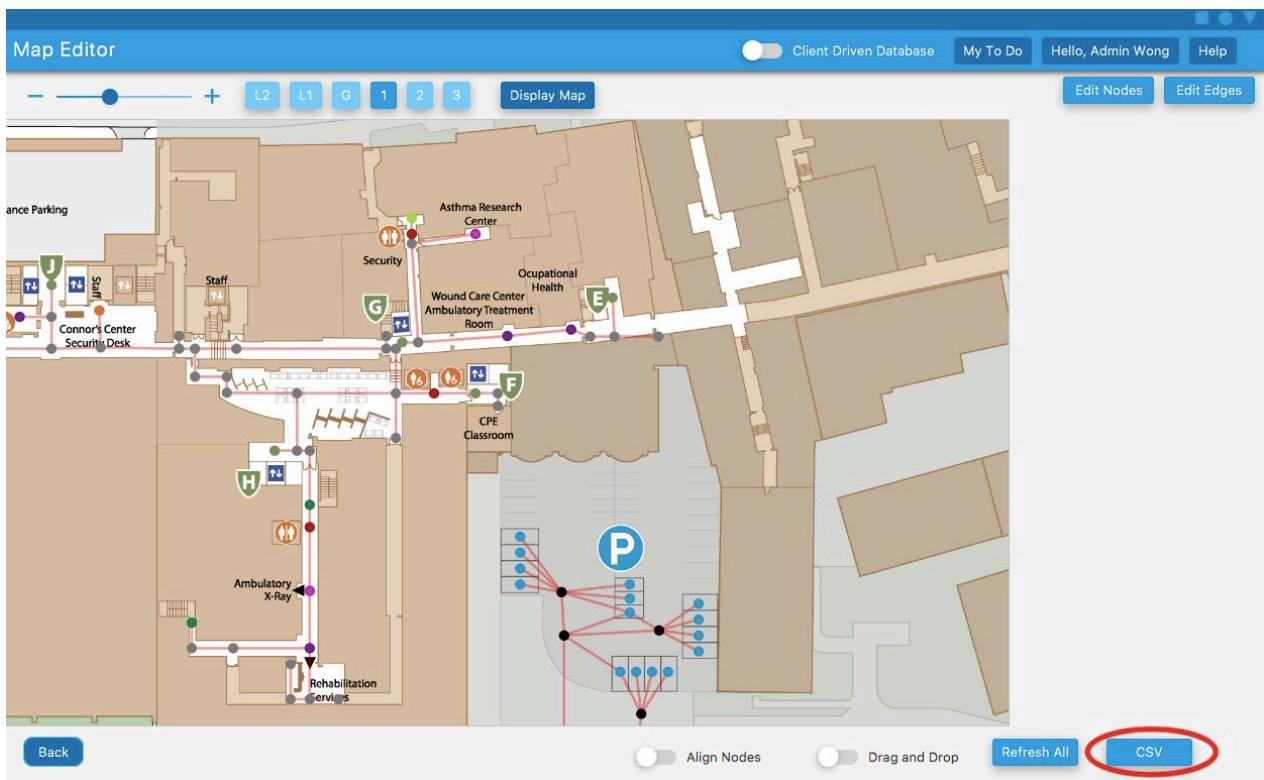
Click on the Add Edge button.





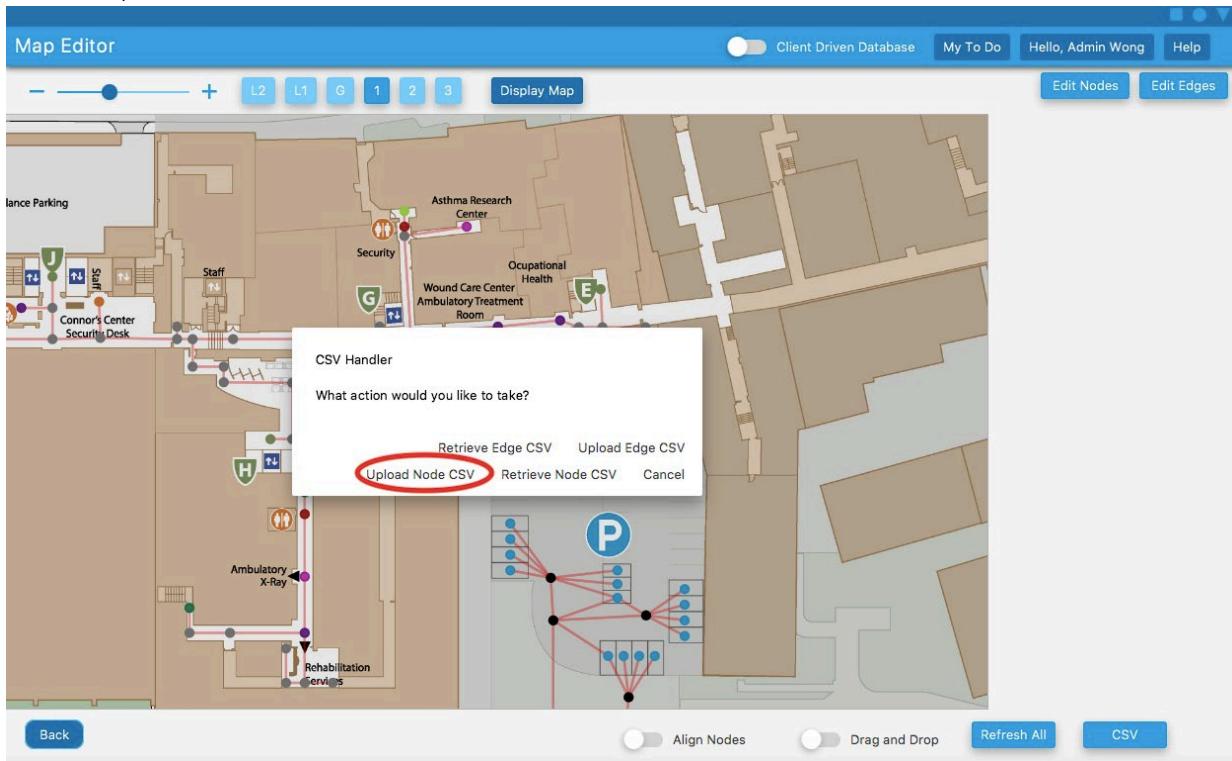
Select **Yes** on the popup and the edge should be modified.

### 3.5. CSV

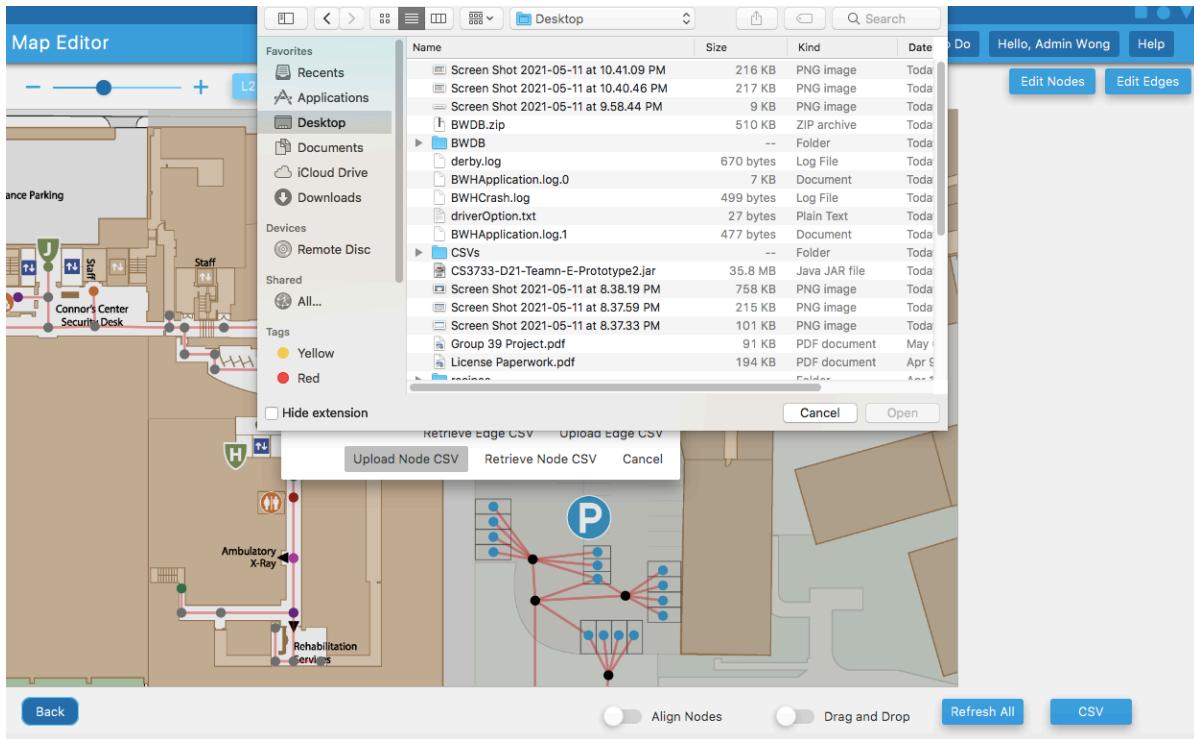


Click on the **CSV** button.

### 3.5.1. Upload



Click on **Upload CSV** on the popup.



### 3.5.2. Retrieve

Map Editor

L2 L1 G 1 2 3 Display Map Edit Nodes Edit Edges

CSV Handler  
What action would you like to take?  
Retrieve Edge CSV Upload Edge CSV  
Upload Node CSV **Retrieve Node CSV** Cancel

Back Align Nodes Drag and Drop Refresh All CSV

View 125% Zoom Add Category Insert Table Chart Text Shape Media Comment Collaborate Format Organize

Sheet 1

outputNode

Table data was imported. Adjust Settings

nodeID	xCoord	yCoord	floor	building	nodeType	longName	shortName
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
AEXIT001L2	1698	2788	L2	BTM	EXIT	Parking Garage L2	Parking Garage L2
AHALL00101	1638	2553	1	BTM	HALL	Hall	Hall
AHALL00102	1591	2560	2	BTM	HALL	Hall	Hall
AHALL00103	1534	2732	3	BTM	HALL	Hall	Hall
AHALL001L2	1627	2782	L2	BTM	HALL	Hallway to Elevator	Hall
AHALL00201	1608	2596	1	BTM	HALL	Hall	Hall
AHALL00202	1590	2604	2	BTM	HALL	Hall	Hall
AHALL00203	1600	2732	3	BTM	HALL	Hall	Hall
AHALL002L2	1698	2776	L2	BTM	HALL	Hallway Intersection	Hall
AHALL00301	1608	2737	1	BTM	HALL	Hall	Hall
AHALL00302	1590	2745	2	BTM	HALL	Hall	Hall
AHALL00303	1650	2732	3	BTM	HALL	Hall	Hall
AHALL003L2	1701	2734	L2	BTM	HALL	Hall	Hall
AHALL00401	1420	2737	1	BTM	HALL	Hall	Hall

Nothing selected.  
Select an object to format.

Click on **Retrieve csv** button and the currently loaded csv should pop up.

## 4. User Management

### 4.1. Add User

User Management

Client Driven Database Hello, Admin Wong

First Name	Last Name	ID	User Type	Email
Bella	Graham	1	visitor	bellag@gmail.com
Terry	Reilly	2	visitor	terry_reilly123@yahoo.com
Sharon	Middleton	3	visitor	smiddle@outlook.com
Catherine	Hopkins	4	visitor	catherinehop12@gmail.com
Michelle	Bernard	5	visitor	mbernard@wpi.edu
Meghan	Mccoy	6	visitor	mccoy.meghan@hotmail.com

Add User Edit User Delete user

Back Refresh

Click the **Add User** button.

User Management

Client Driven Database Hello, Admin Wong

First Name	Last Name	ID	User Type	Email
Bella	Graham	1	visitor	bellag@gmail.com
Terry	Reilly	2	visitor	terry_reilly123@yahoo.com
Sharon	Middleton	3	visitor	smiddle@outlook.com
Catherine	Hopkins	4	visitor	catherinehop12@gmail.com
Michelle	Bernard	5	visitor	mbernard@wpi.edu
Meghan	Mccoy	6	visitor	mccoy.meghan@hotmail.com

**Confirm Adding User** Edit User Delete user

Name  
Joe Chill

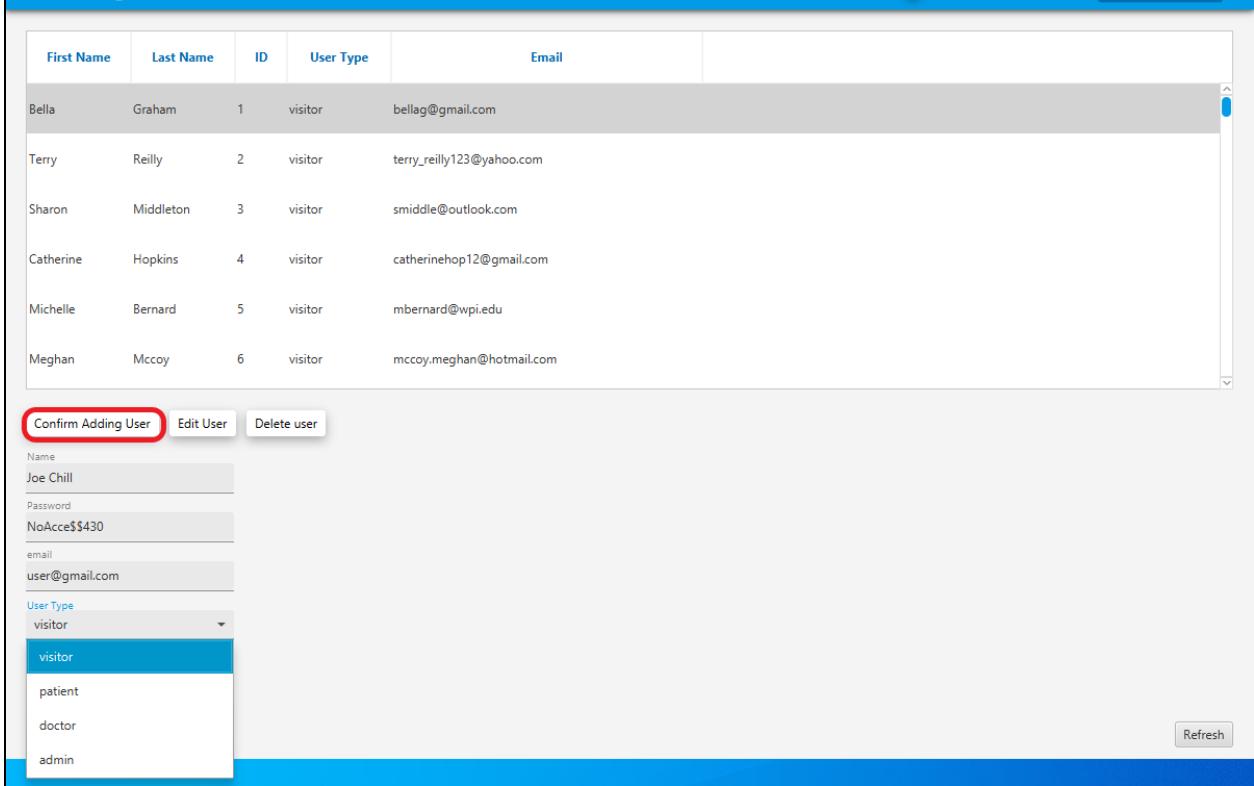
Password  
NoAccess\$430

email  
user@gmail.com

User Type  
visitor

visitor  
patient  
doctor  
admin

Refresh



Enter appropriate inputs into the **Name**, **Password** and **Email** fields. For the **User Type** dropdown select the desired user type for the account being created. When finished click the **Confirm Adding User** button.

#### 4.2. Delete User

User Management

Client Driven Database Hello, Admin Wong

First Name	Last Name	ID	User Type	Email
Bella	Graham	1	visitor	bellag@gmail.com
Terry	Reilly	2	visitor	terry_reilly123@yahoo.com
Sharon	Middleton	3	visitor	smiddle@outlook.com
Catherine	Hopkins	4	visitor	catherinehop12@gmail.com
Michelle	Bernard	5	visitor	mbernard@wpi.edu
Meghan	Mccoy	6	visitor	mccoy.meghan@hotmail.com

Add User Edit User Delete user

Back Refresh

User Management

Client Driven Database Hello, Admin Wong

First Name	Last Name	ID	User Type	Email
Bella	Graham	1	visitor	bellag@gmail.com
Terry	Reilly	2	visitor	terry_reilly123@yahoo.com
Catherine	Hopkins	4	visitor	catherinehop12@gmail.com
Michelle	Bernard	5	visitor	mbernard@wpi.edu
Meghan	Mccoy	6	visitor	mccoy.meghan@hotmail.com
Harry	Owens	7	visitor	harry89owens@gmail.com

Add User Edit User Delete user

Back Refresh

Select the user which needs to be deleted (the row will be highlighted). Click the **Delete user** button.

#### 4.3. Edit User

The screenshot shows a user management application interface. At the top, there is a blue header bar with the text "User Management". On the right side of the header, there is a toggle switch labeled "Client Driven Database", a "Hello, Admin Wang" greeting, and a small gear icon. Below the header is a table with columns: First Name, Last Name, ID, User Type, and Email. The table contains six rows of data:

First Name	Last Name	ID	User Type	Email
Bella	Graham	1	visitor	bellag@gmail.com
Terry	Reilly	2	visitor	terry_reilly123@yahoo.com
Catherine	Hopkins	4	visitor	catherinehop12@gmail.com
Michelle	Bernard	5	visitor	mbernard@wpi.edu
Meghan	Mccoy	6	visitor	mccoy.meghan@hotmail.com
Harry	Owens	7	visitor	harry89owens@gmail.com

At the bottom of the table, there are three buttons: "Add User", "Edit User", and "Delete user". The "Edit User" button is circled in red. At the bottom left is a "Back" button, and at the bottom right is a "Refresh" button.

Select the user which needs to be edited (the row will be highlighted). Click the **Edit user** button.

User Management

First Name	Last Name	ID	User Type	Email
Bella	Graham	1	visitor	bellag@gmail.com
Terry	Reilly	2	visitor	terry_reilly123@yahoo.com
Catherine	Hopkins	4	visitor	catherinehop12@gmail.com
Michelle	Bernard	5	visitor	mbernard@wpi.edu
Meghan	McCoy	6	visitor	mccoy.meghan@hotmail.com
Harry	Owens	7	visitor	harry89owens@gmail.com

Add User **Confirm User Edit** Delete user

Name: Terry Reilly

Password:

Email: terry\_reilly123@yahoo.com

User Type: visitor

**Back** **Refresh**

Modify the user fields as desired and then click the **Confirm User Edit**.

## 5. Service Requests

Home Client Driven Database My To Do Hello, Admin Wong

**BRIGHAM HEALTH**  
**BRIGHAM AND WOMEN'S HOSPITAL**



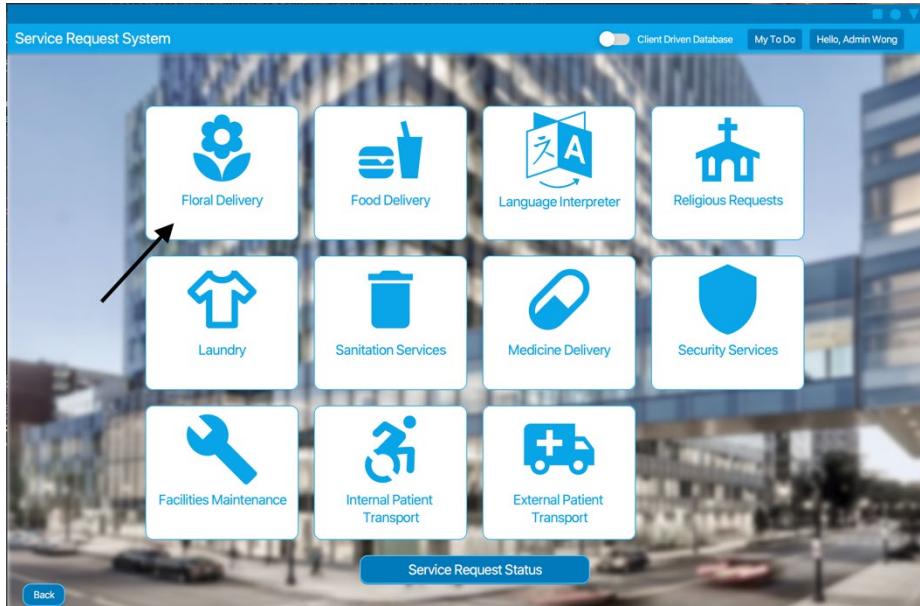
Service Requests

Path Finding Algorithm  
Select Algorithm A\* Search Apply

Your car is parked  
Path to Parking

About Us Credit Page  
COVID Survey Path Finder  
Scan QR Code Directions to BWH  
Schedule Appointment Service Requests  
Patron Check-In Management Map Editor  
User Management

In order to submit a service request, one must be logged into the system. A normal user can only see requests related to them. Only then can one select which category best suits their need. Then select the service requests button.



Once entered select the specific form for your service request.

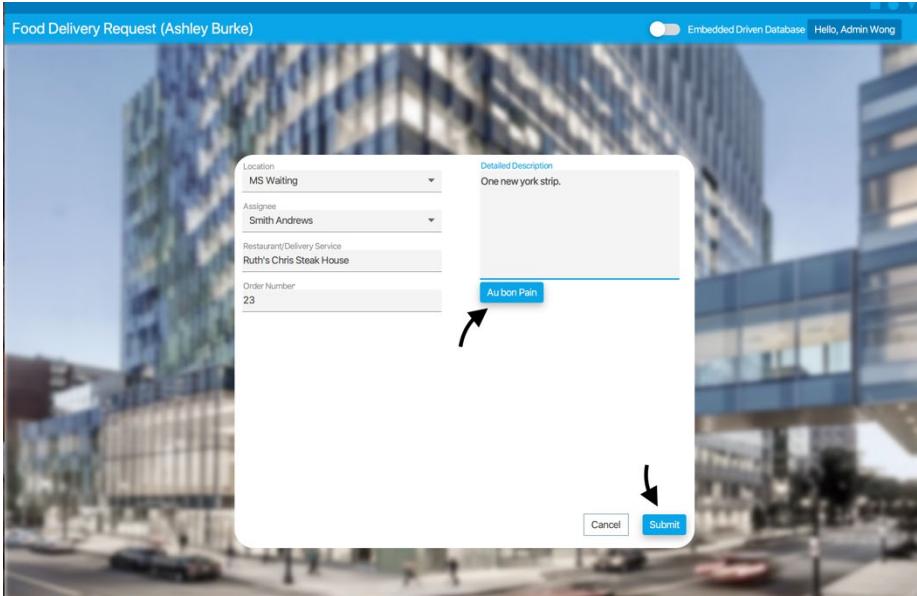
### 5.1. Floral Delivery

The image shows a detailed view of the "Floral Delivery" service request form. The form is overlaid on a blurred background of a modern building. The form fields include: "Location" (Neuroscience Waiting Room), "Flower Type" (Tulips), "Flower Amount" (12), "Vase Type" (Square), "Recipient" (Dan Wentworth), "Assignee" (Miles Carroll), "Arrangement Style" (Normal), "Teddy Bear?" (Include Teddy Bear), "Chocolate?" (Include Chocolate), and "Message" (Love). At the bottom right of the form is a "Cancel" button and a blue "Submit" button, with a black arrow pointing to the "Submit" button.

To fill out a Floral Delivery service request select the **Floral Delivery** button. Then fill in the location, the flower type, the flower amount, the vase type, the recipient of the gift, the assignee, the arrangement

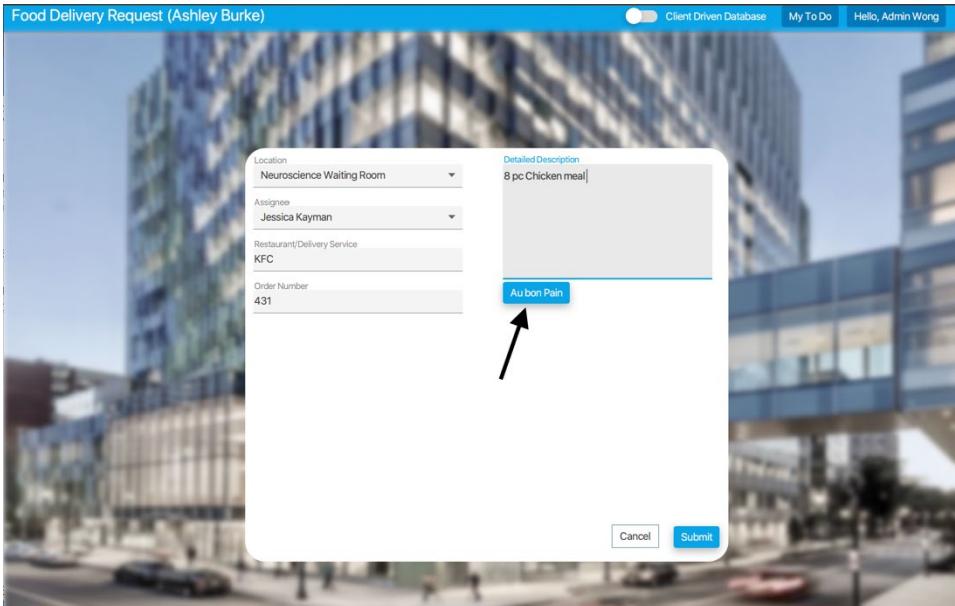
style, an answer yes/no to teddy bear, an answer yes/no to chocolate, and a message. Once the information is completed press submit to finish the service request.

## 5.2. Food Delivery



To fill out a Food Delivery service request select the **Food Delivery** button. Then fill in a location, the assignee, the restaurant and/or delivery service being used and a detailed description. Once the information is completed press submit to finish the service request.

### 5.2.1. Au Bon Pain Page



To access this page, first fill out a Food Delivery To find out more information about what to order, click the **Au Bon Pain** button. Here you can scroll and order food from the Au Bon Pain within the hospital.

The screenshot shows a menu interface titled "Au Bon Pain Menu". At the top, there is a header with "Client Driven Database" and "Hello, Admin Wong". Below the header, a note says "(All information on this page is taken from the Au Bon Pain website and is being used for educational purposes)". The main content is a table with four rows, each representing a menu item:

Menu Item	Calories	Price
Oatmeal & Orange Juice	590 Calories	\$5.99
Continental Breakfast with Bakery	440-850 Calories	\$6.79
Continental Breakfast with Yogurt Parfait	480-530 Calories	\$8.09

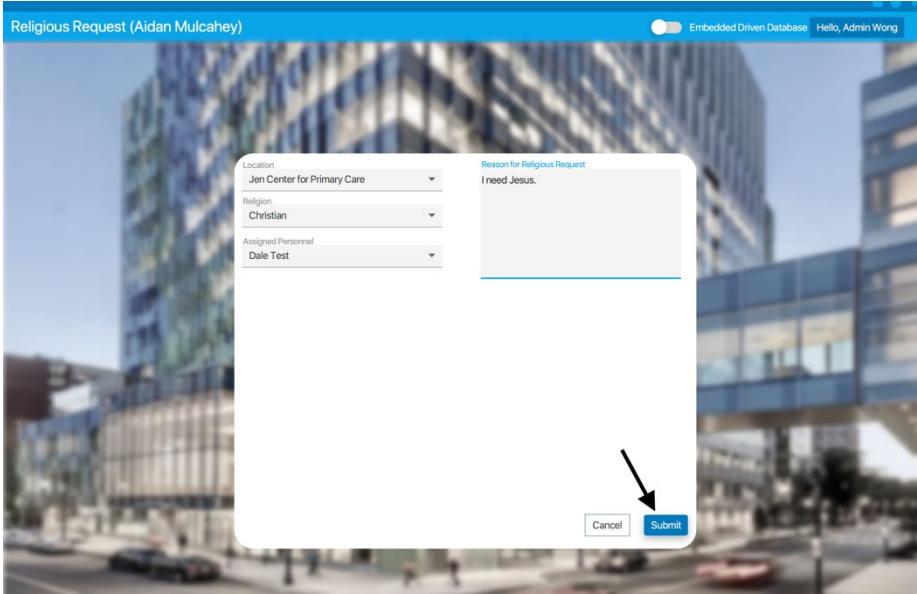
At the bottom left is a "Back" button.

### 5.3. Language Interpreter

The screenshot shows a service request form titled "Language Interpreter (Yihong Xu)". At the top, there is a header with "Embedded Driven Database" and "Hello, Admin Wong". The form has three sections: "Location" (MS Waiting), "Language" (Spanish), and "Assigned Personnel" (No Maxim). To the right, there is a "Detailed Description" field containing the text "We need a translator." An arrow points to the "Submit" button at the bottom right of the form.

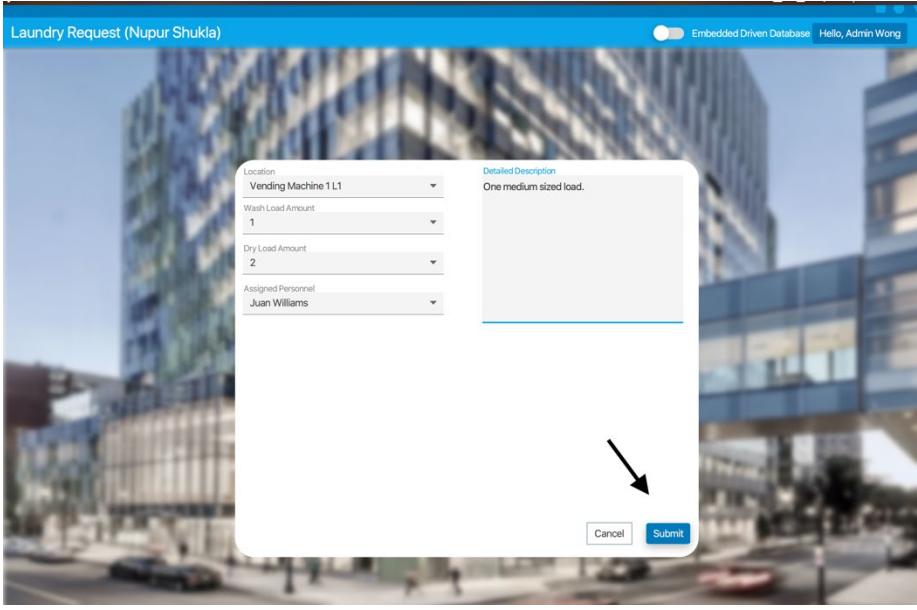
To fill out a Language Interpreter service request select the **Language Interpreter** button and fill in a location, a language, the assigned personnel, and the detailed description. Once the information is completed press submit to finish the service request.

## 5.4. Religious Request



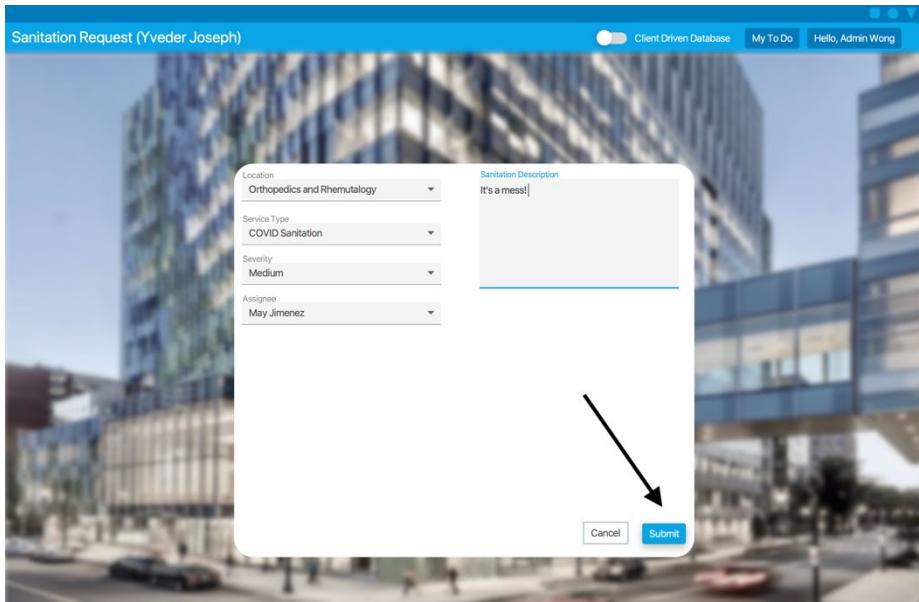
To fill out a Religious Service Requests form first select the **Religious Requests** button and fill in the location, the religion, the assigned personnel, and the reason for the religious request. Once the information is completed press submit to finish the service request.

## 5.5. Laundry Request



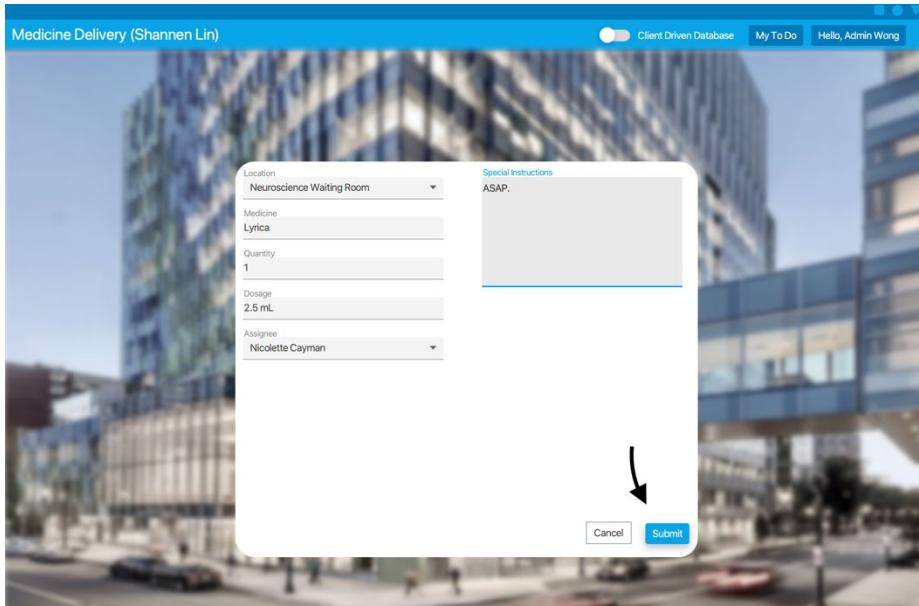
To fill out a Laundry Services Request form first select the **Laundry Button** and fill in the location, the wash load amount, the dry load amount, the assigned personnel, and a detailed description. Once the information is completed press submit to finish the service request.

## 5.6. Sanitation Request



To fill out a Sanitation Services form first select the **Sanitation Services** button and then fill in the location, the service type, the severity of the issue, the assignee of the request, and a sanitation description. Once the information is completed press submit to finish the service request.

## 5.7. Medicine Delivery



To fill out a Medicine Delivery form select the **Medicine Delivery** button, then fill in a location, the medicine being used, the quantity of medicine, the dosage, the assigned personnel, and the special instructions for the request. Once the information is completed press submit to complete the service request.

## 5.8. Security Services

Security Service (Seamus Sullivan)

Client Driven Database My To Do Hello, Admin Wong

Location: Elevator S Floor 3

Level Of Security: Medium

Level of Urgency: Medium

Assigned Personnel: Clara Dixon

Reason For Request: Security needed at 10 am.

Cancel Submit

To fill out a Security Services form first select the **Security Services** button, then fill in a location, a level of security, level of urgency, the assigned personnel, and the reason for the request. Once the information is completed press submit to complete the service request.

## 5.9. Facilities Maintenance

Facilities Maintenance (Matthew Haahr)

Client Driven Database My To Do Hello, Admin Wong

Location: Patient Financial Services

Request Type: Gas Leak

Issue Severity: Medium Severity

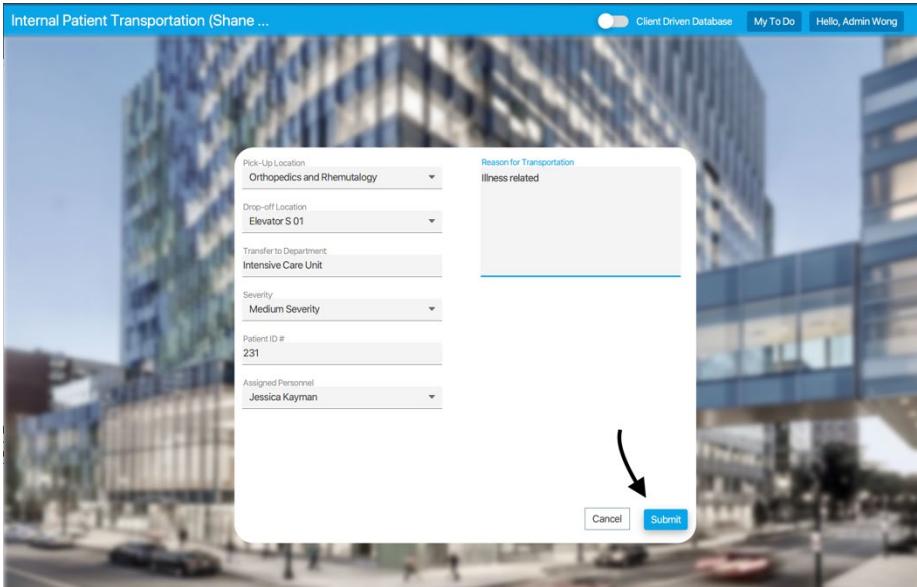
Assigned Personnel: Lenard Jacobs

Detailed Description: Gas leak in patient financial. No need to evacuate.

Cancel Submit

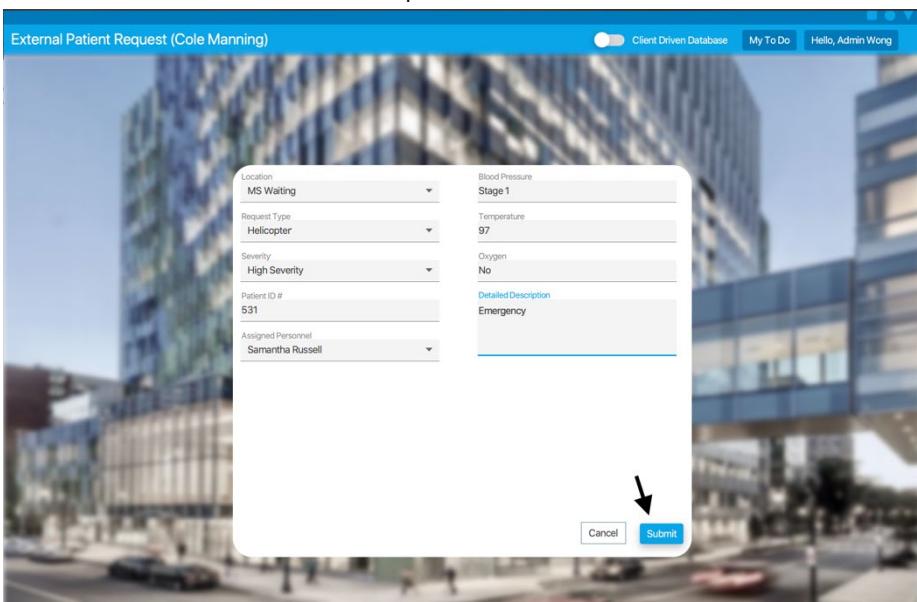
To fill out a Facilities Maintenance form first select the **Facilities Maintenance** button, fill in a location, a request type, the issue severity, the assigned personnel, and a detailed description. Once the information is completed press submit to complete the service request.

## 5.10. Internal Patient Transport



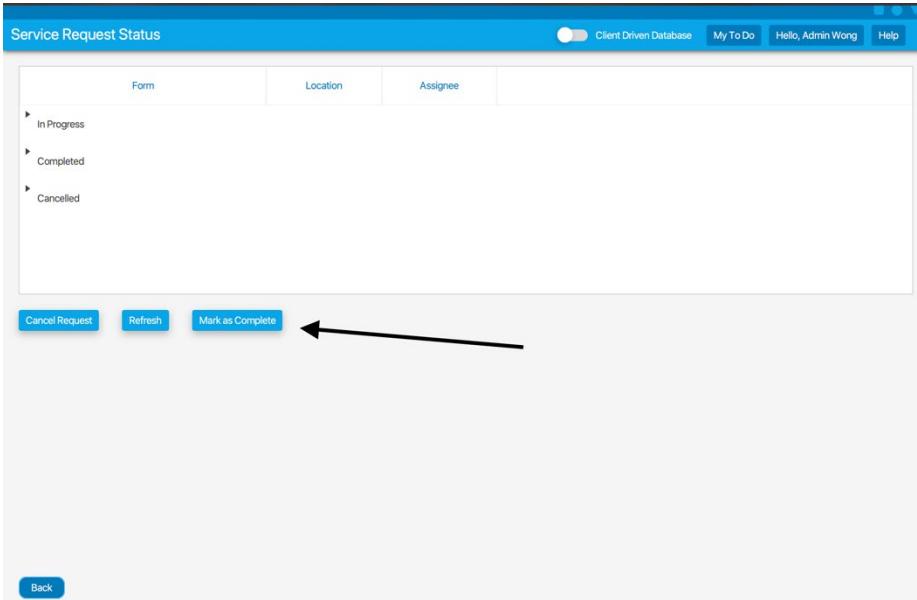
To fill out an Internal Patient Transport first select the **Internal Patient Transport** Button fill in a pick-up location, a drop-off location, mention department patient is being transported to, severity, patient ID #, the assigned personnel, and reason for transportation. Once the information is completed press submit to complete the service request.

## 5.11. External Patient Transport



Click on External Patient Transport to fill out an **External Patient Transport** Service Request. Once in, fill in a location, a request type, severity, patient ID #, the assigned personnel, blood pressure, temperature, oxygen, and detailed description. Once the information is completed press submit to complete the service request.

## 5.12. Service Request Status



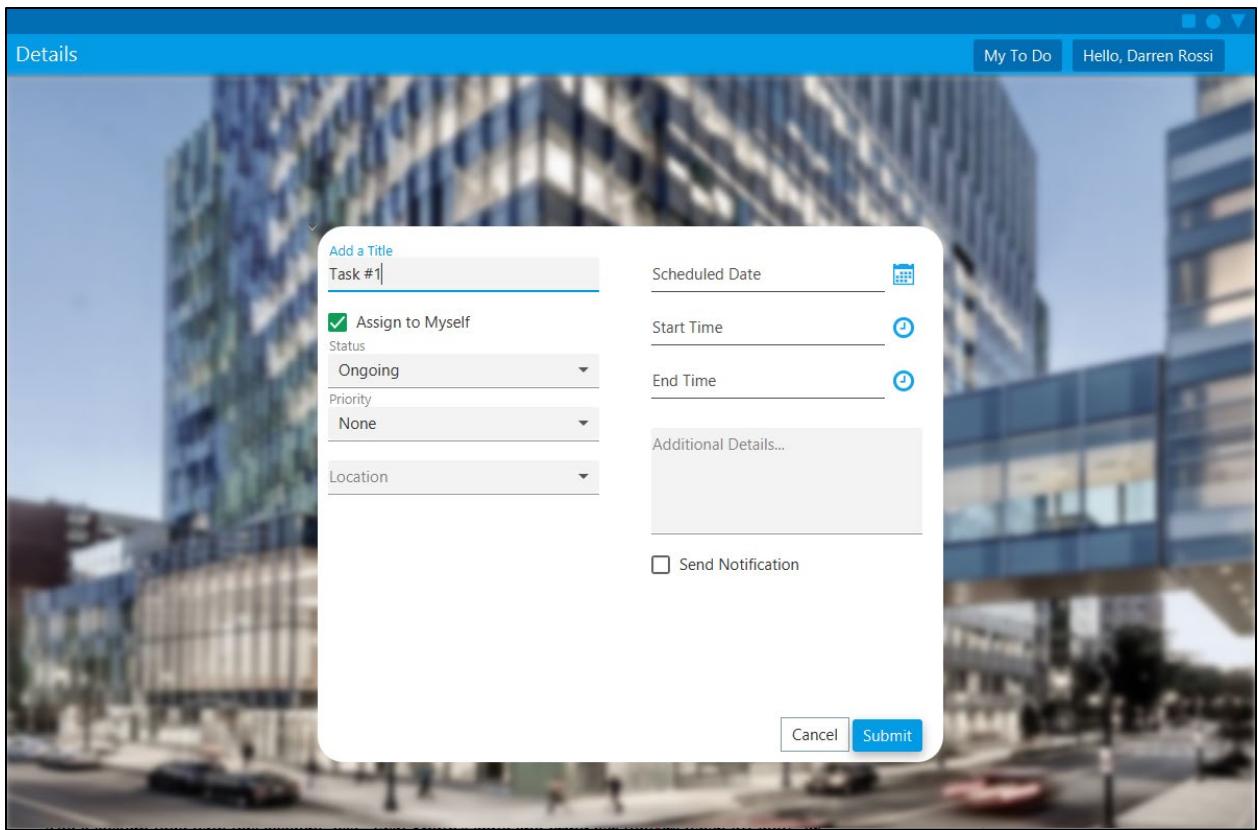
To check the status of the service requests, press the **Service Request Status Button** at the bottom of the page to view requests in progress and those that are completed or cancelled. This is a directory where you can cancel the request, refresh the table, and mark the service requests as complete. Each request has a location and an assignee.

## 6. To-Do Scheduler

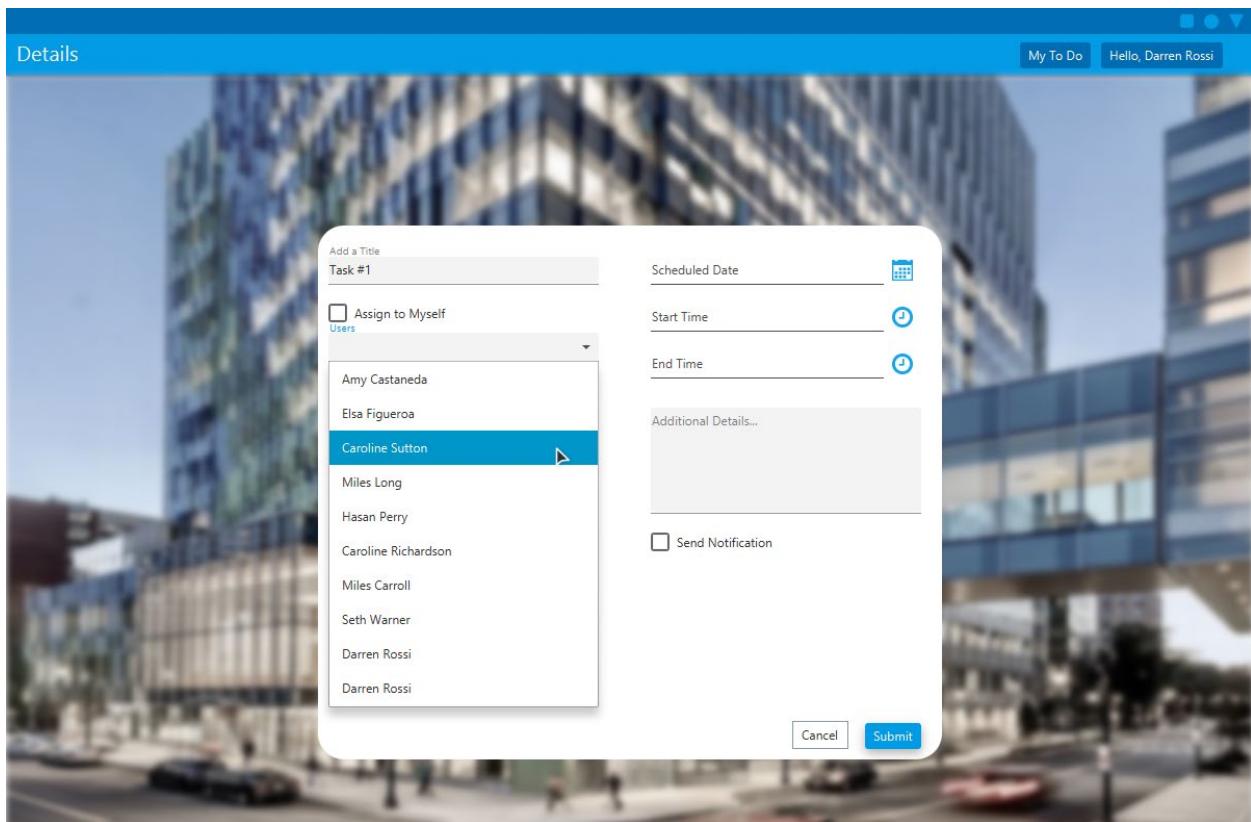
## 6.1. Create Custom Task

The screenshot shows a mobile application interface for managing tasks. At the top, there is a blue header bar with the text "Schedule List" on the left and "My To Do" and "Hello, Darren Rossi" on the right. Below the header, there are two tabs: "Schedule" (which is selected) and "Map". The main content area displays the date "May 11, 2021" in large blue text. Below the date is a table with columns: Title, Location, Start Time, Status, and Priority. A message "No content in table" is centered in the table area. At the bottom of the screen, there is a navigation bar with five icons: a back arrow, a calendar icon, a checkmark, a minus sign, and a plus sign (highlighted with a red border). A small "Back" button is located to the left of the navigation bar.

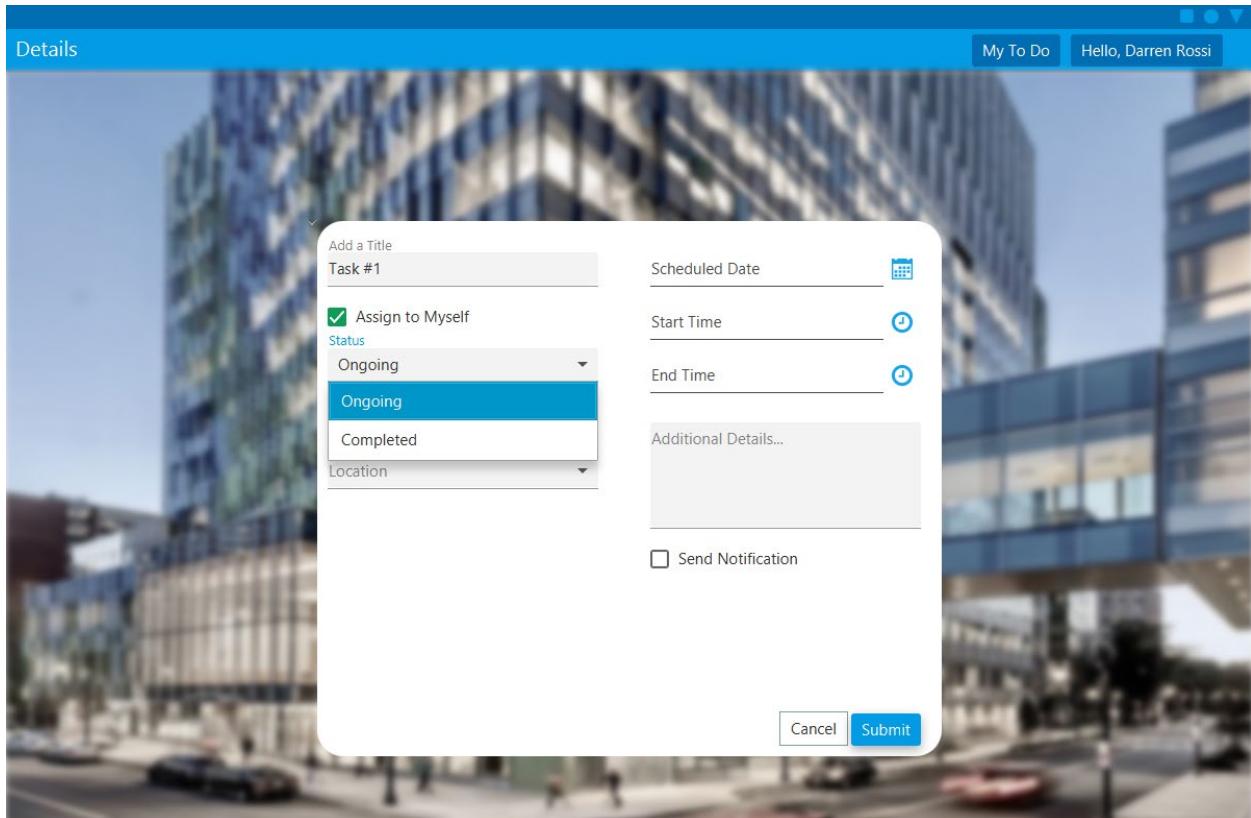
Select the **Add Custom To-Do** button.



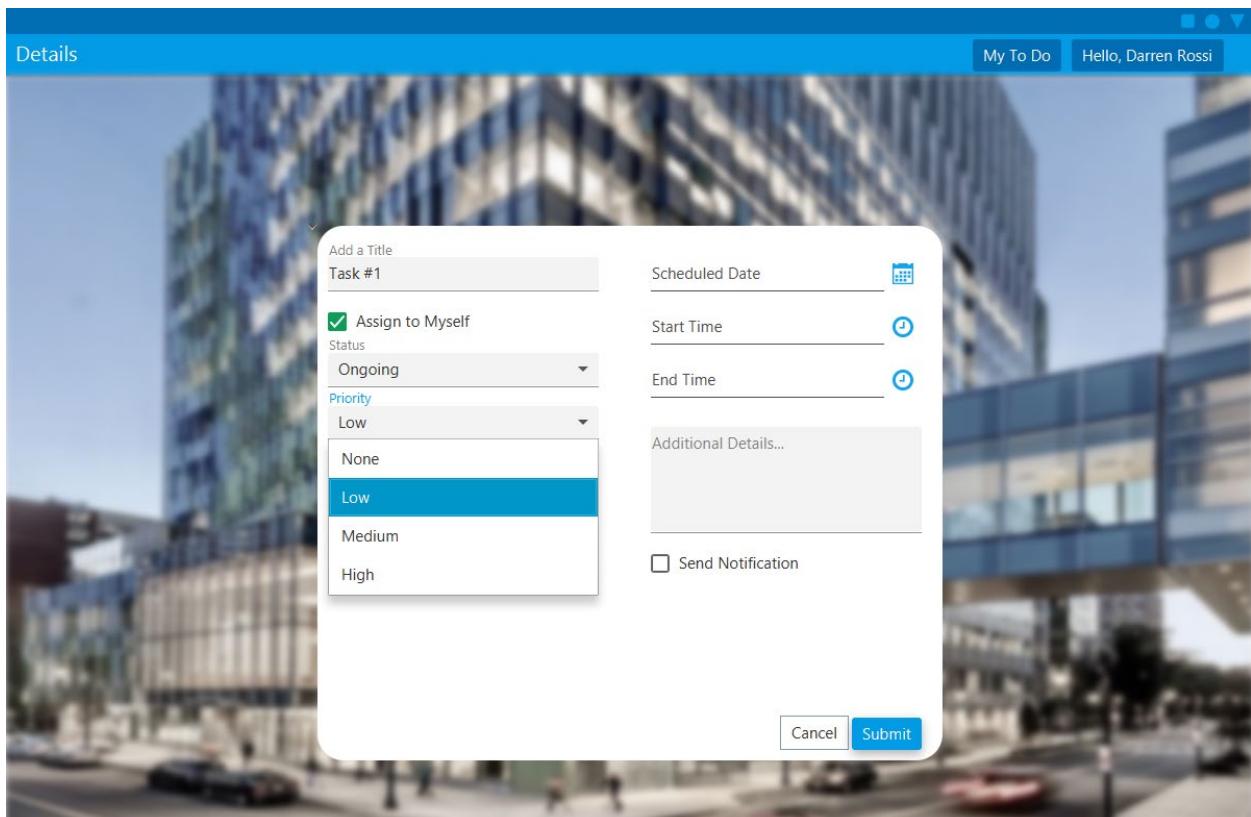
[Required] Fill out to-do Title.



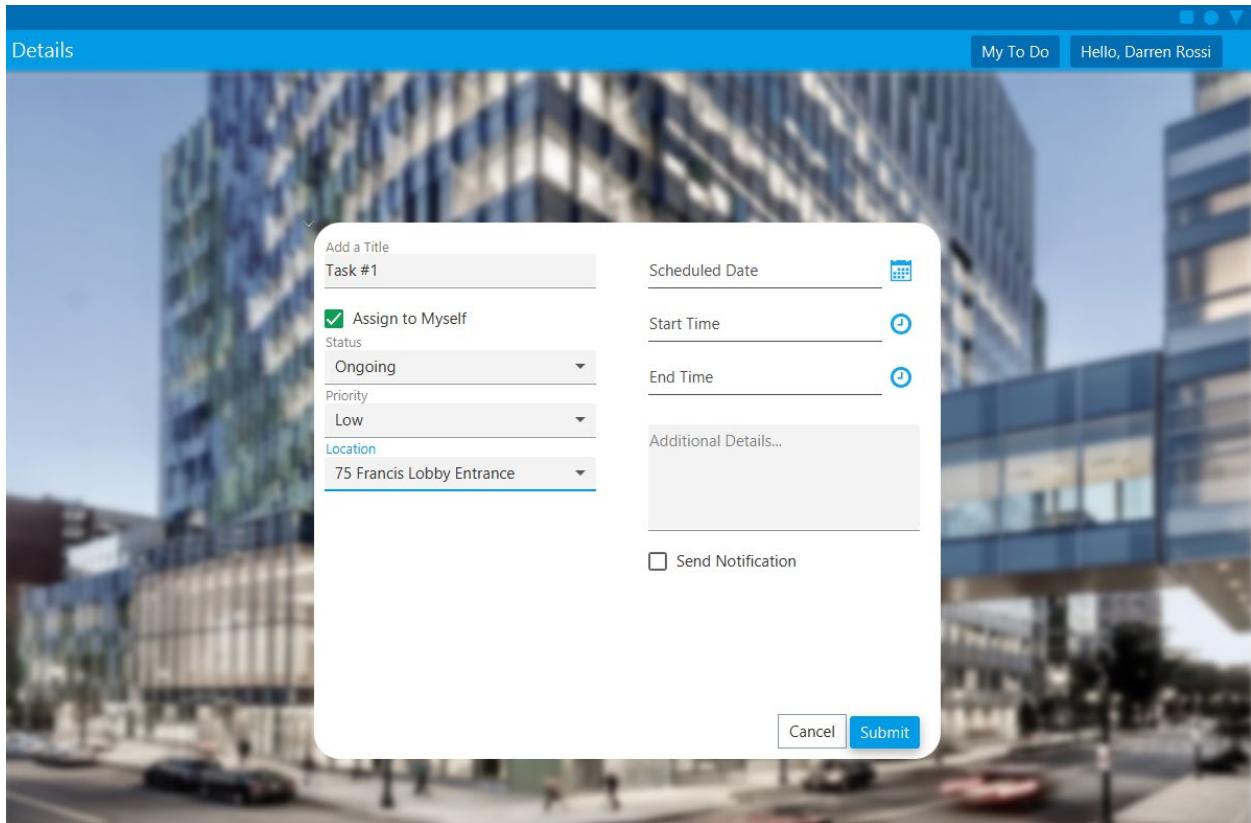
[Optional] To assign a to-do item to your co-workers, uncheck the **Assign to Myself** checkbox to see the list of your co-workers. Select the person you want to assign this task to.



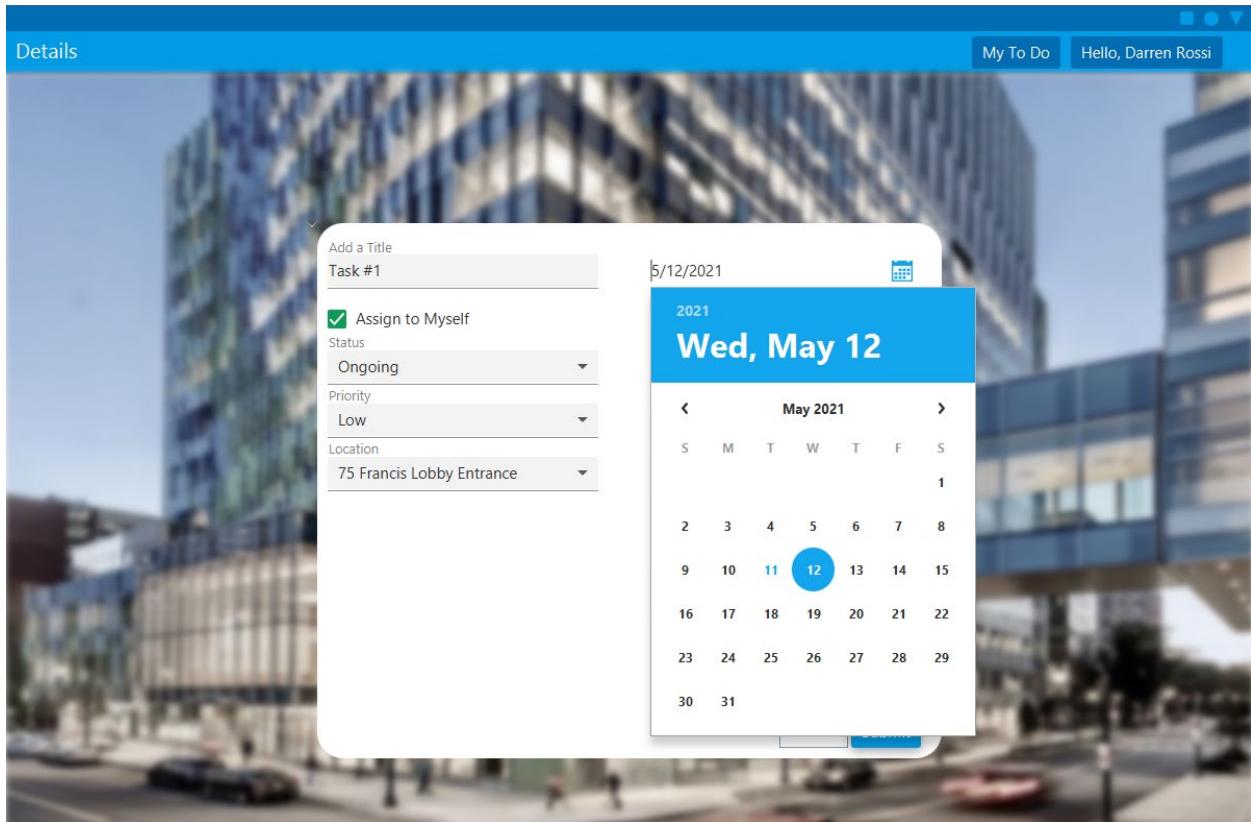
[Optional] Select Status.



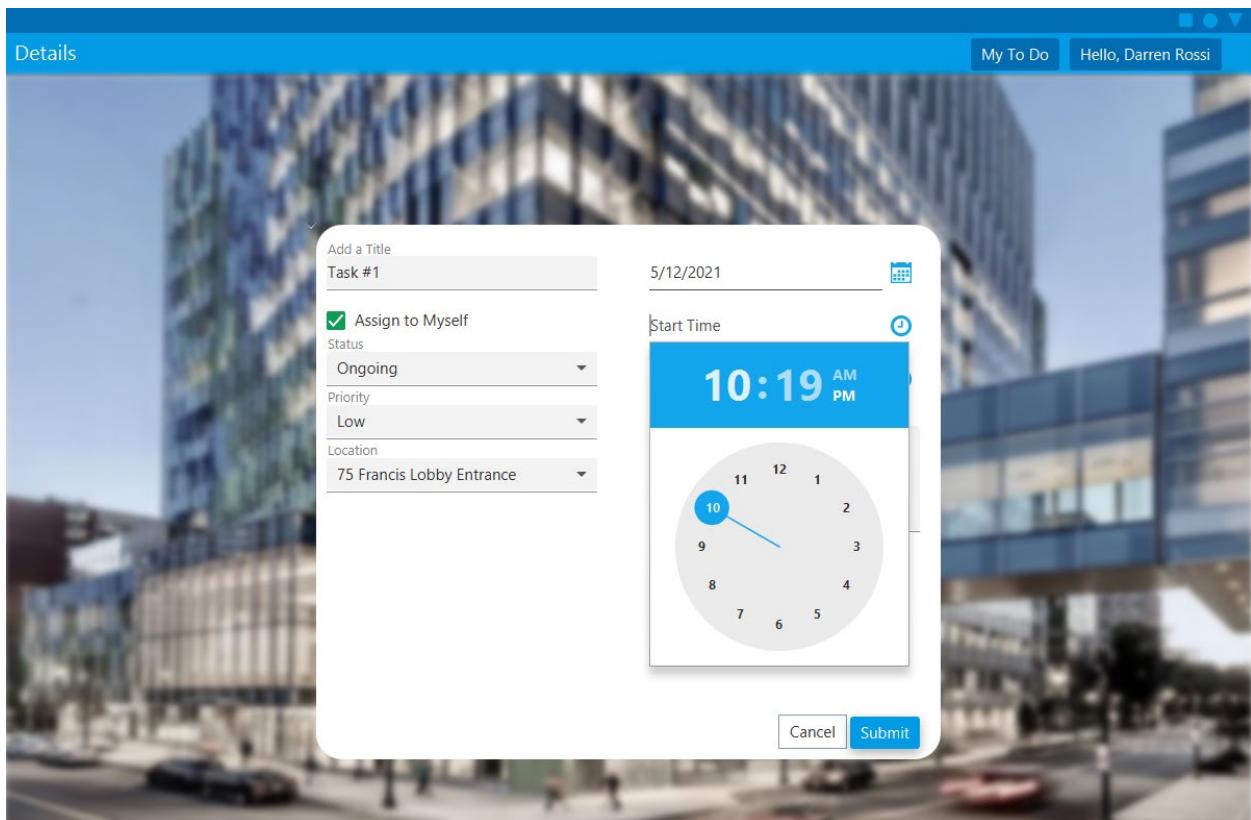
[Optional] Select priority.



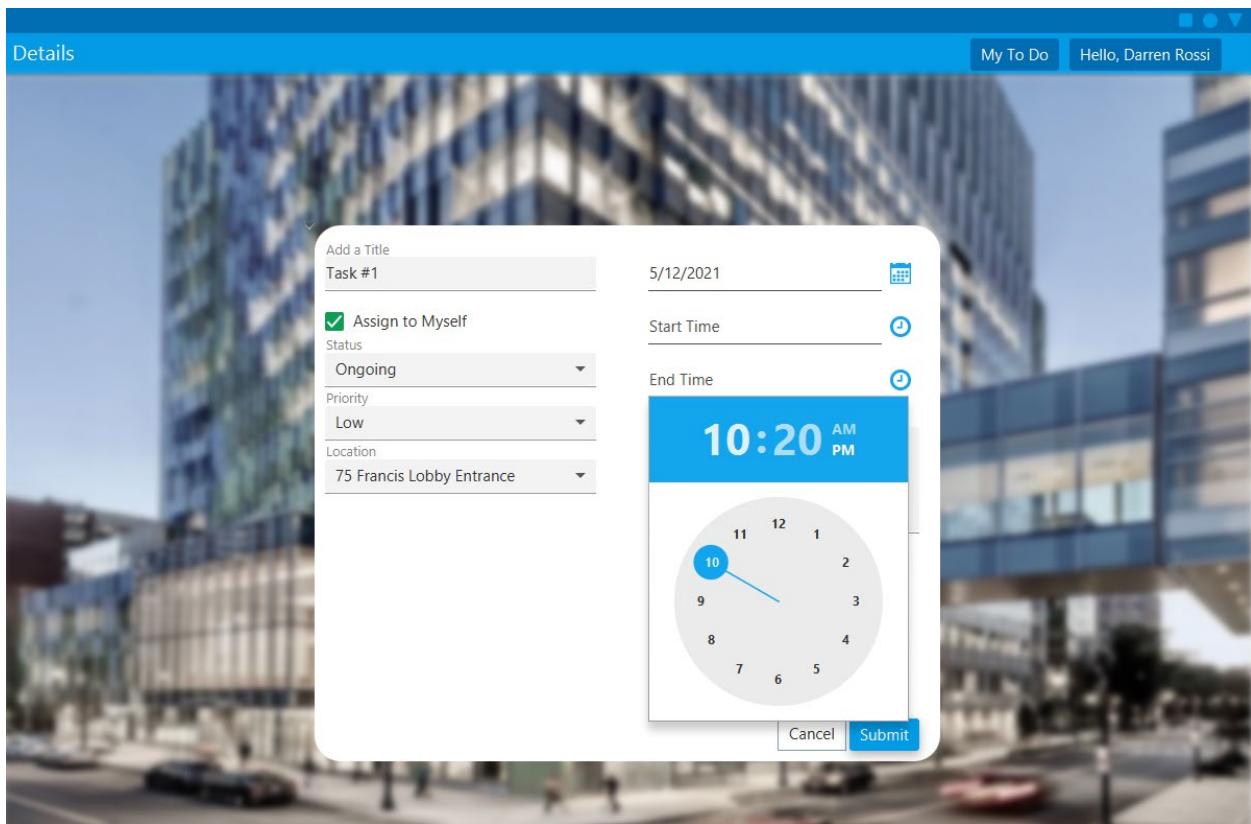
[Optional] Select location.



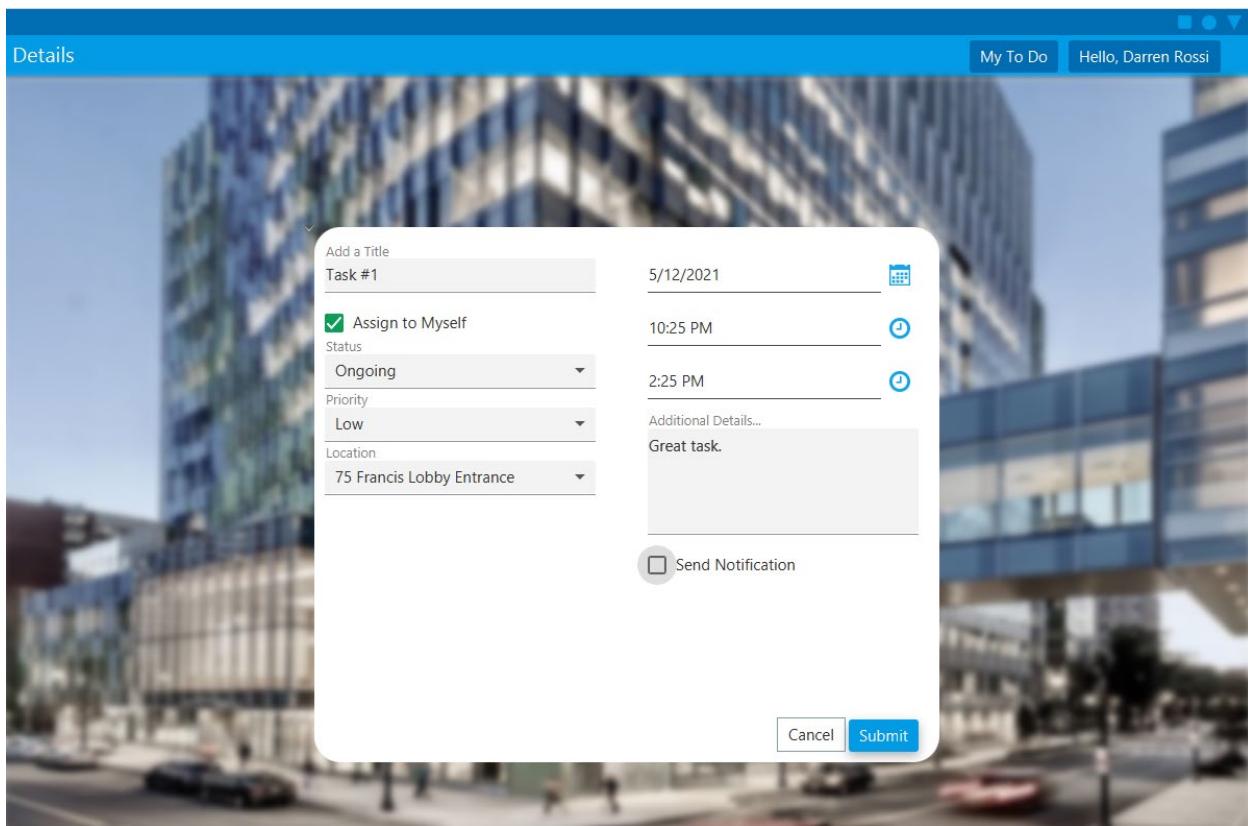
[Optional] Select the planned date.



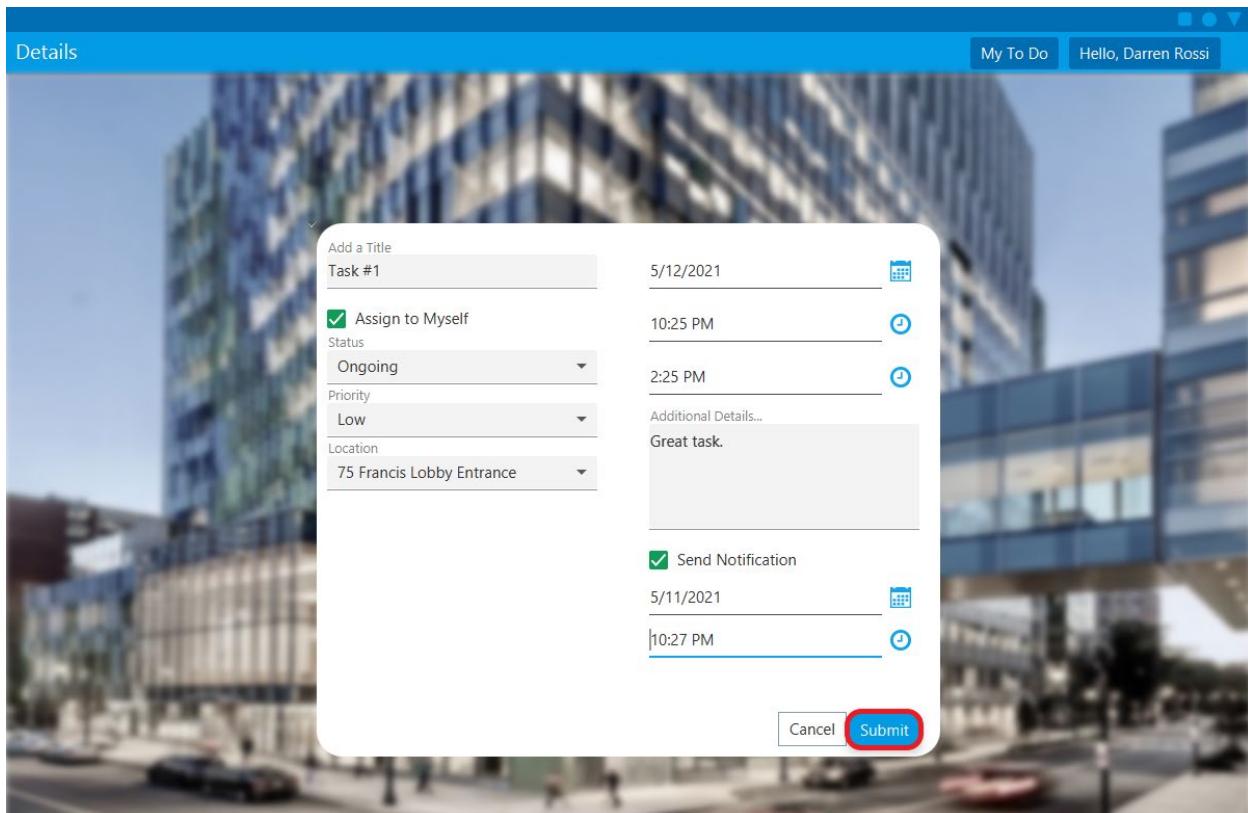
[Optional] Select planned start time.



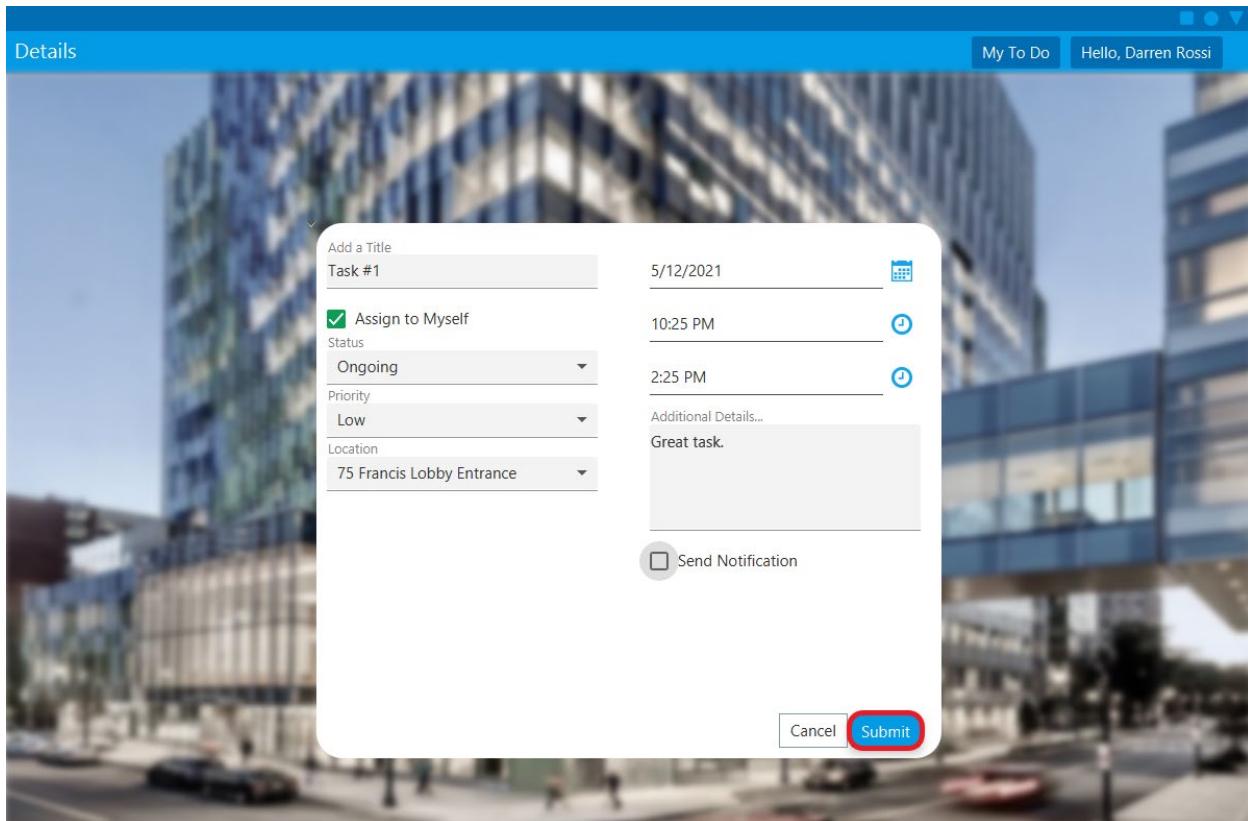
[Optional] Select projected end time.



[Optional] Add notes or descriptions to **Additional Details**.



[Optional] Select **Send Notification** and select the date and time you want to receive the notification.



Click **Submit**.

## 6.2. Edit task or view task details

Schedule List

Embedded Driven Database My To Do Hello, Admin Wong

Schedule Map

May 13, 2021

Title	Location	Start Time	Status	Priority
Task #1	75 Francis Lobby Entrance	15:17	Completed	Medium

< >

Back

Select the **edit to-do** button to edit a to-do or view its full details.

Details

Embedded Driven Database My To Do Hello, Admin Wong

Add a Title  
Task #1

Assign to Myself  
Status: Completed  
Priority: Medium  
Location: 75 Francis Lobby Entrance

5/13/2021  
3:17 PM  
5:18 PM

Additional Details...  
Best Task 5.

Send Notification

Cancel Submit

[Optional] Edit the desired fields and click the **Submit** button.

### 6.3. Mark task as completed/ongoing

Schedule List

Embedded Driven Database My To Do Hello, Admin Wong

Schedule Map

May 13, 2021

Title	Location	Start Time	Status	Priority
Task #1	75 Francis Lobby Entrance	15:17	Ongoing	Medium

< ⏷ >

Back

Edit Checkmark Delete Add

Select a to-do item and click the **check** button to mark ongoing to-do as complete or completed to-do as ongoing.

Schedule List

Embedded Driven Database My To Do Hello, Admin Wong

Schedule Map

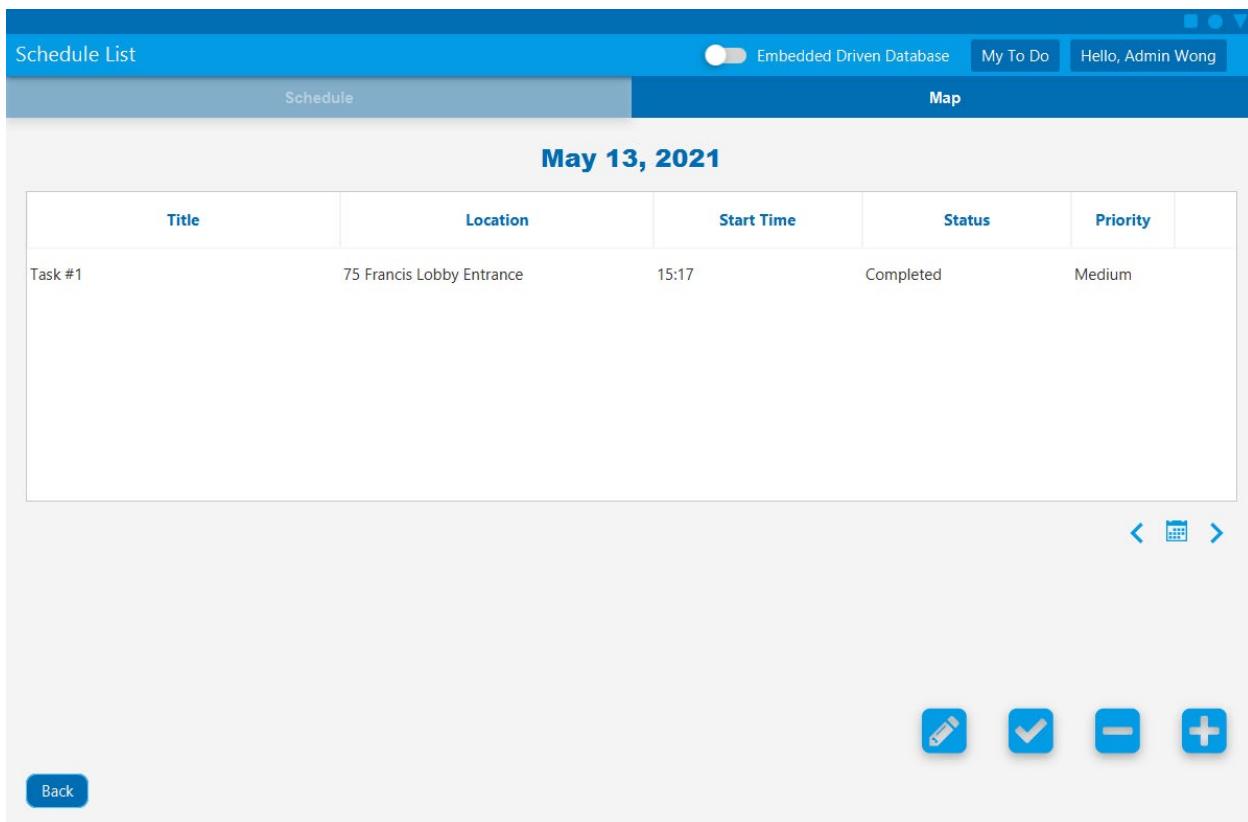
May 13, 2021

Title	Location	Start Time	Status	Priority
Task #1	75 Francis Lobby Entrance	15:17	Completed	Medium

<  >

Back



#### 6.4. Delete a To-Do

Schedule List

Embedded Driven Database My To Do Hello, Admin Wong

Schedule Map

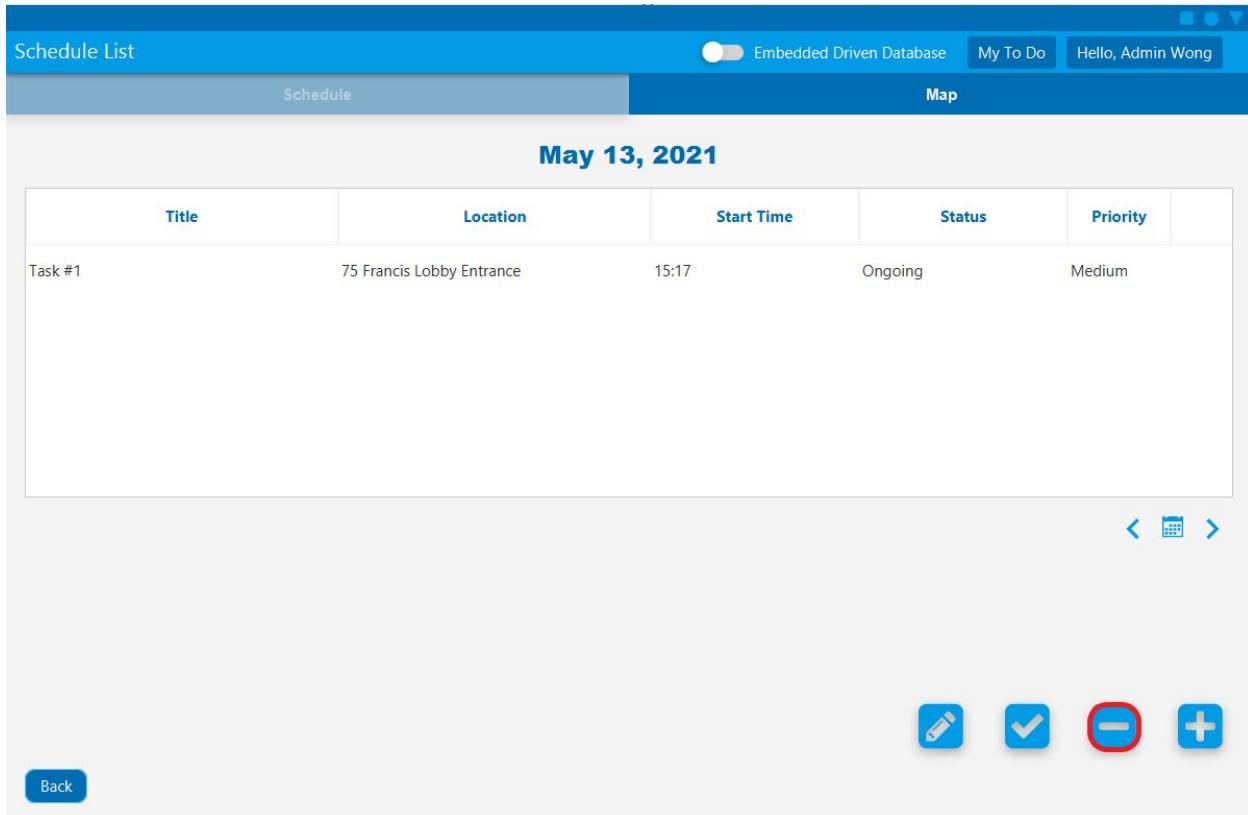
May 13, 2021

Title	Location	Start Time	Status	Priority
Task #1	75 Francis Lobby Entrance	15:17	Ongoing	Medium

<  >

Back



Select a to-do item and click the **delete to-do** button to delete a to-do.

The screenshot shows a mobile application interface titled "Schedule List". At the top, there is a blue header bar with the title "Schedule List" on the left, a toggle switch for "Embedded Driven Database" in the center, and user information "My To Do" and "Hello, Admin Wong" on the right. Below the header is a navigation bar with tabs "Schedule" and "Map", where "Schedule" is selected. The main content area displays the date "May 13, 2021" in bold blue text. Below the date is a table with columns: Title, Location, Start Time, Status, Priority, and an empty column. A message "No content in table" is centered in the table area. At the bottom right of the screen are four blue icons: a pencil, a checkmark, a minus sign, and a plus sign. At the bottom left is a blue "Back" button.

## 6.5. Show Today's Scheduled Path

Schedule List

Embedded Driven Database My To Do Hello, Admin Wong

Schedule Map May 9, 2021

Title	Location	Start Time	Status	Priority
Nice	ATM MapNode 23 Floor 1	12:39	Ongoing	Medium
Yay	75 Lobby Information Desk	16:36	Ongoing	Medium

< >

Back

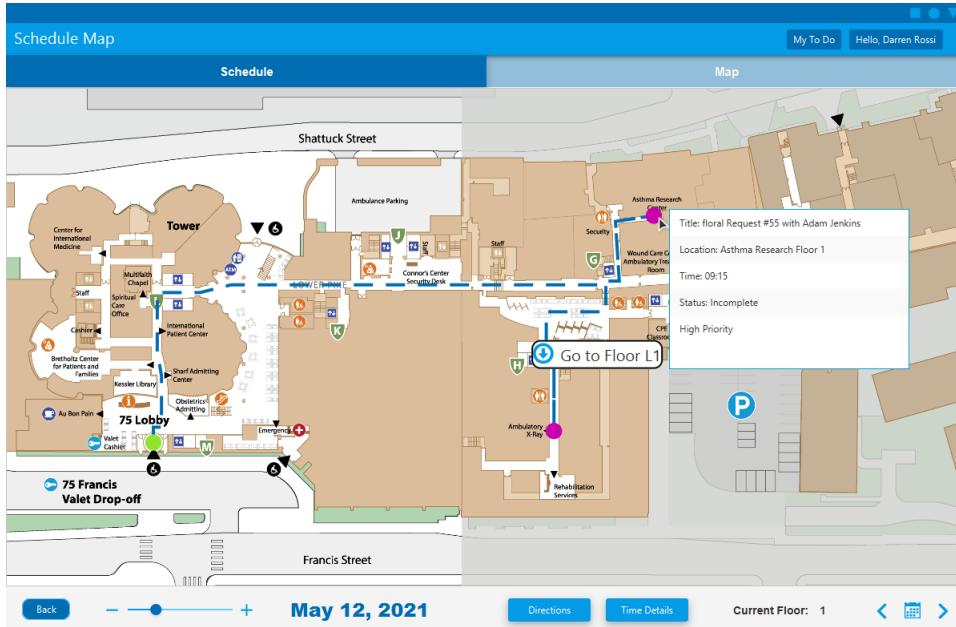
When in the To-Do page, click the **Map** tab to enter the Map page

Schedule Map My To Do Hello, Darren Rossi

Schedule Map May 12, 2021

Directions Time Details Current Floor: 1 < >

You will see an animated path from 75 Lobby Entrance to each node on your list of scheduled and uncompleted To-Do locations for today, sorted by scheduled time. You won't see To-Dos item here if they have no associated location, are not scheduled for today, or areundated.



You can hover your mouse cursor over a node to look at the associated To-Do's information. You can click the node to go to the To-Do view and edit page.

#### 6.6. Editing To-Dos that are linked to service requests or appointments:

Edits can be made to one and will update the other.

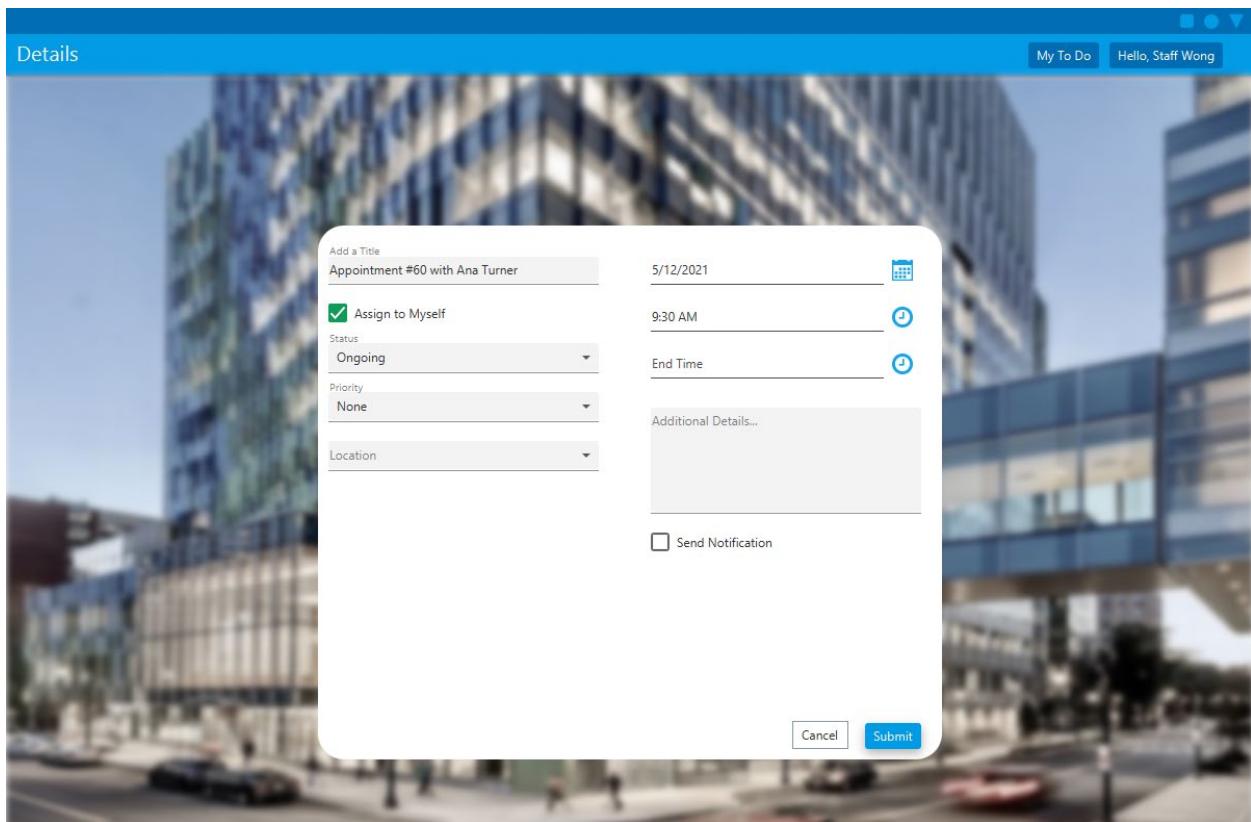
Changes are automatically synchronized between the two linked items, here is what fields were linked:

- To-Do's Status              <==> Request's Status
- To-Do's Assigned User    <==> Request's Assignee
- To-Do's Assigned User    <==> Appointment's Assigned Doctor
- To-Do's Scheduled Date <==> Appointment's Appointment Date
- To-Do's Start Time        <==> Appointment's Appointment Time

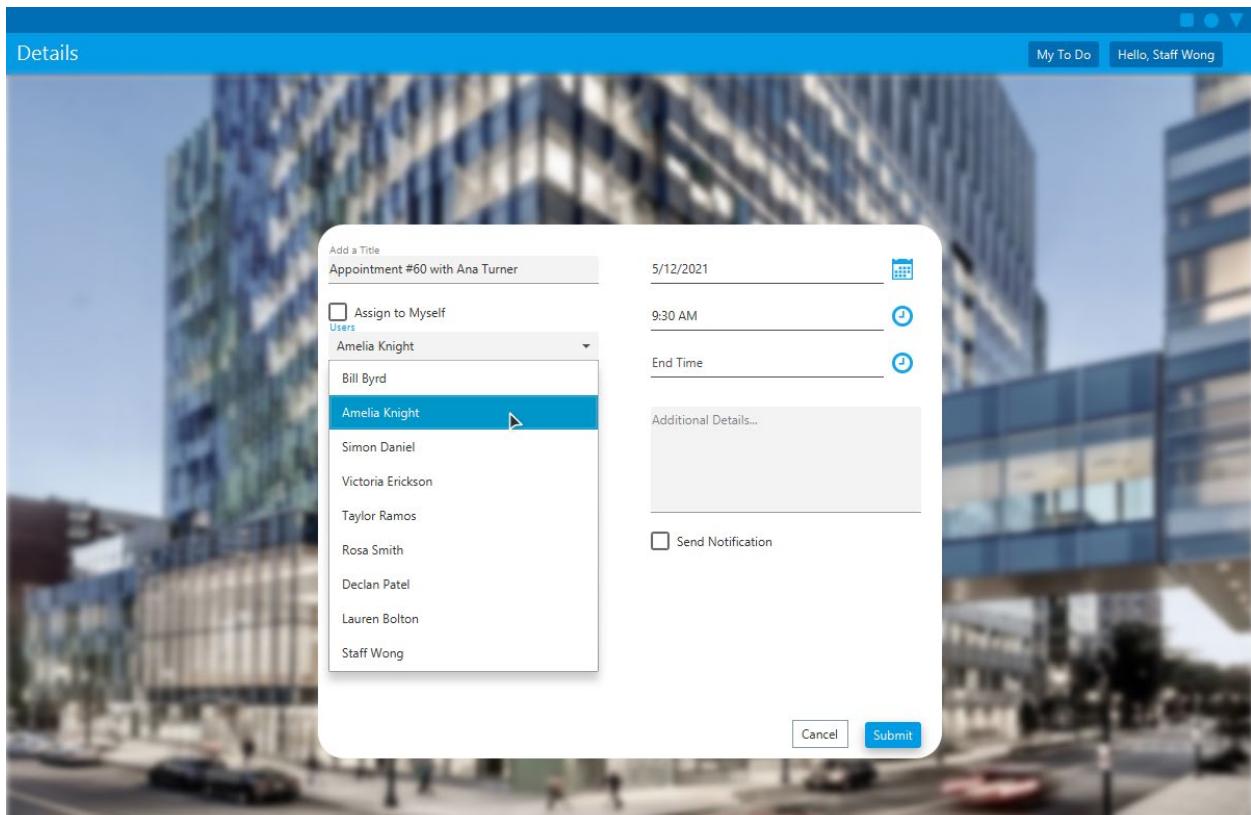
Patients cannot choose a location when they make an appointment, you can add a location by editing the associated To-Do's location field.

#### 6.7. Edit To-Dos that are Linked with Appointments

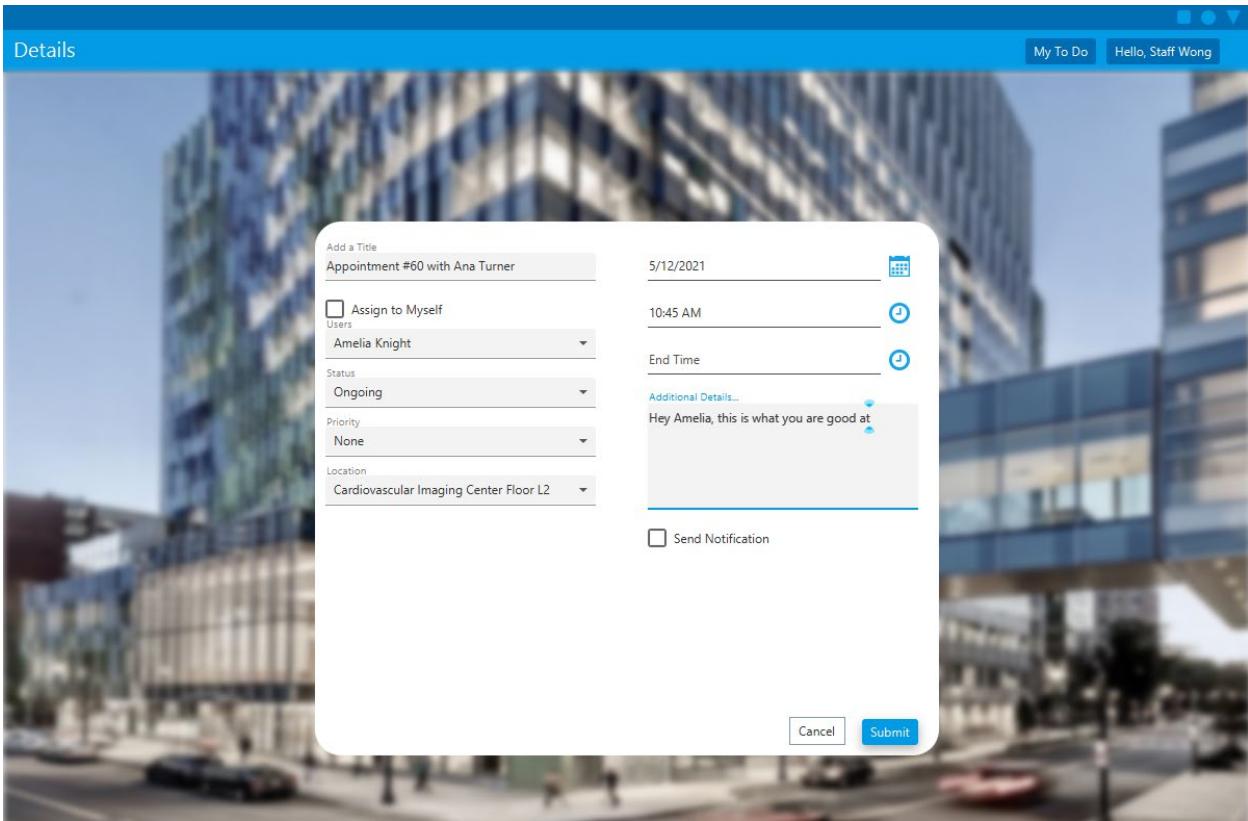
You can edit to-dos with their attached appointments to assign the appointment to your co-workers.



Uncheck the **Assign to Myself** checkbox to see list of co-workers.



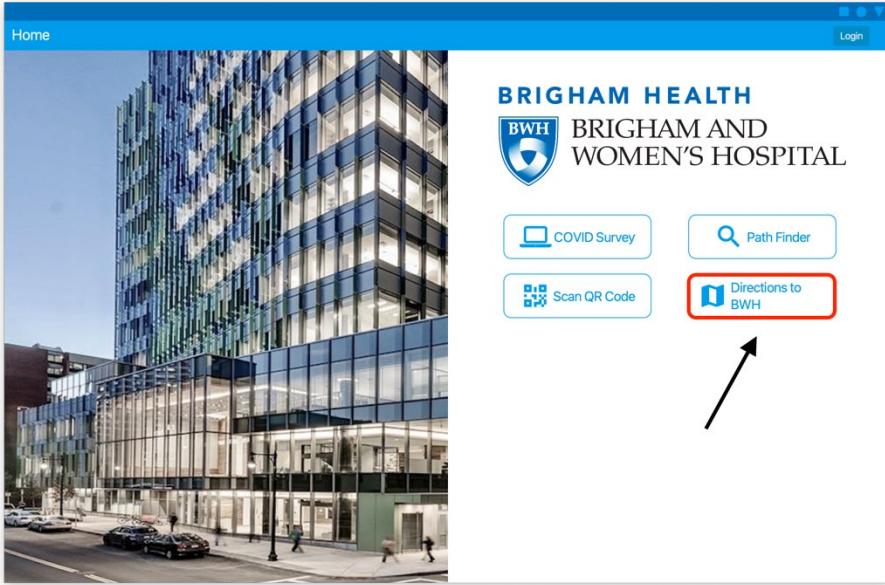
Select the new assigned doctor.



[Optional] Populate more fields like details and location for them.

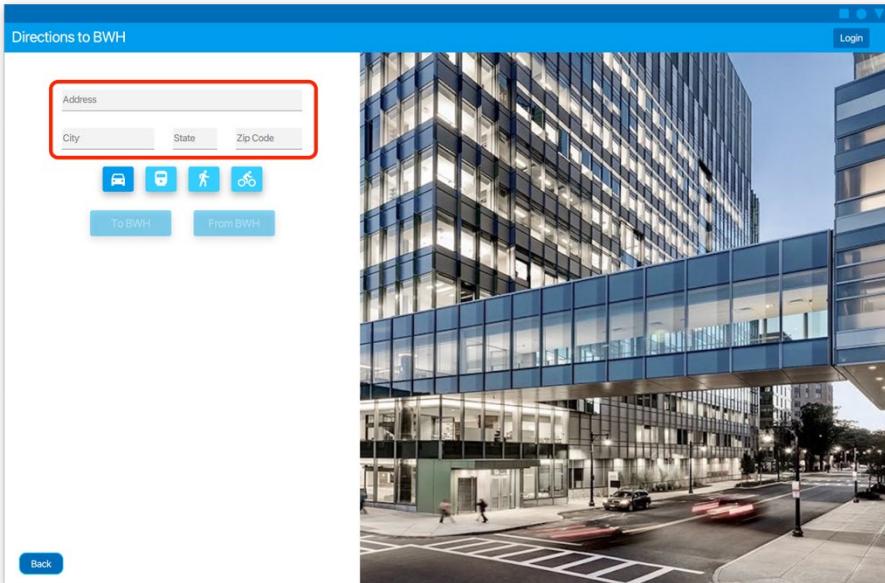
## 7. Directions to Brigham and Women's

This application provides Google Maps Directions to the hospital.



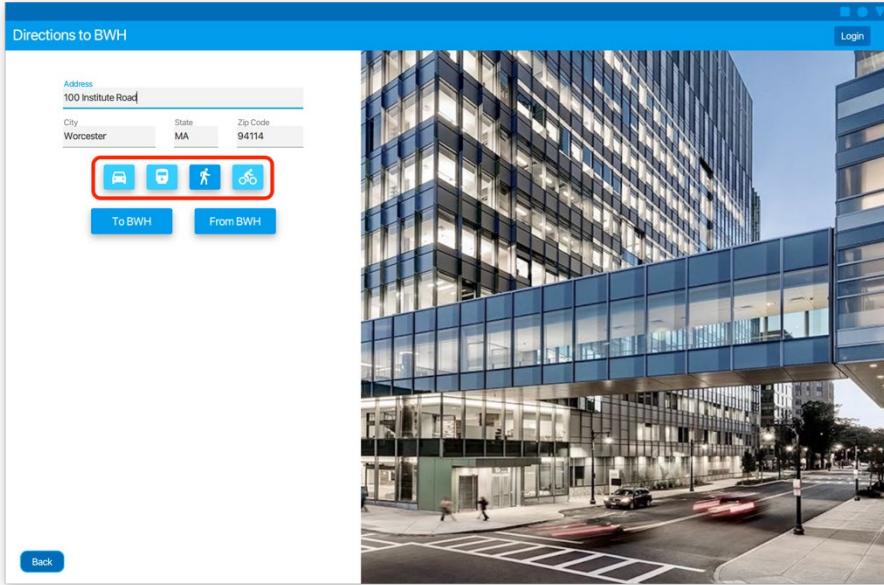
To get directions to and from the Brigham and Women's Hospital, click on the **Directions to BWH** button on the home page.

### 7.1. Address Entry



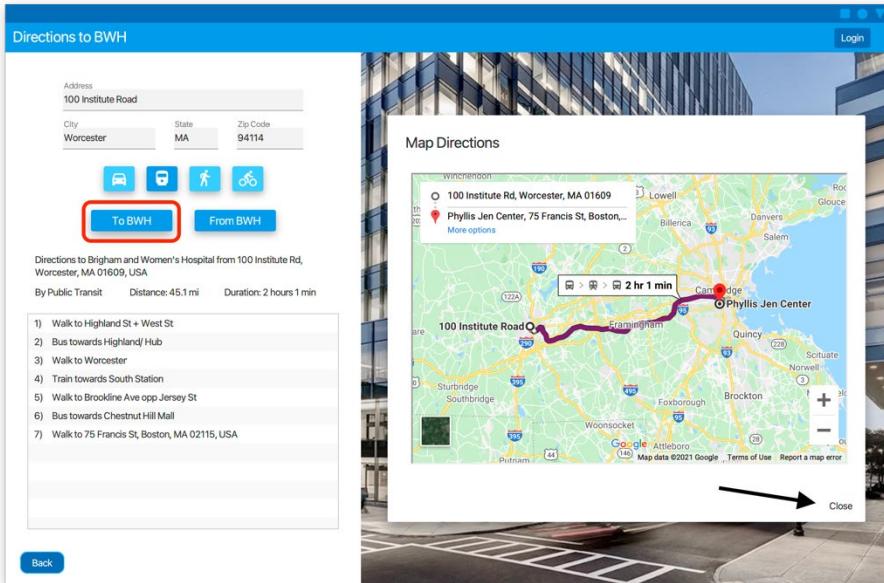
Fill out the address of the location you wish to navigate to or from using the appropriate text fields.

## 7.2. Transit Mode Change



Directions can be given for **Driving**, **Public Transit**, **Walking**, or **Biking**. To change the travel method, simply click the appropriate button for the desired method.

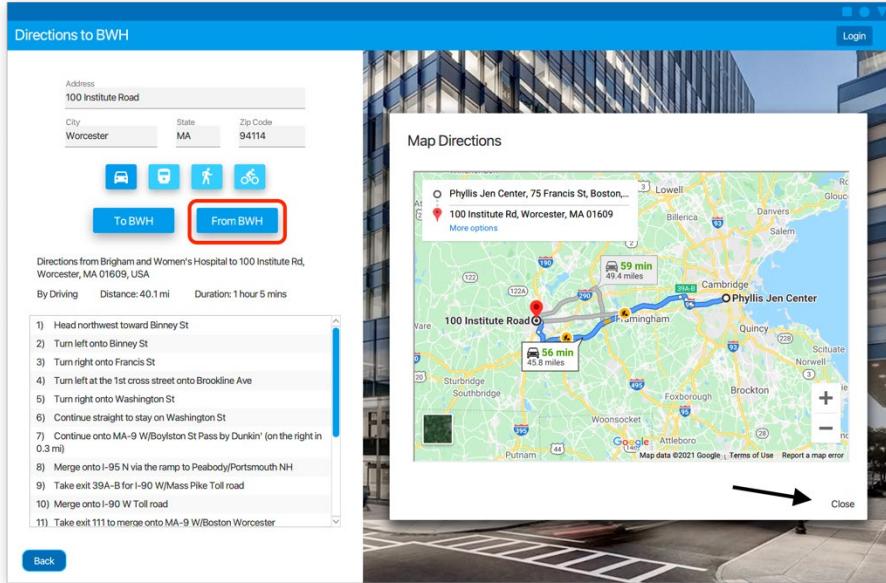
## 7.3. Directions to Brigham and Women's



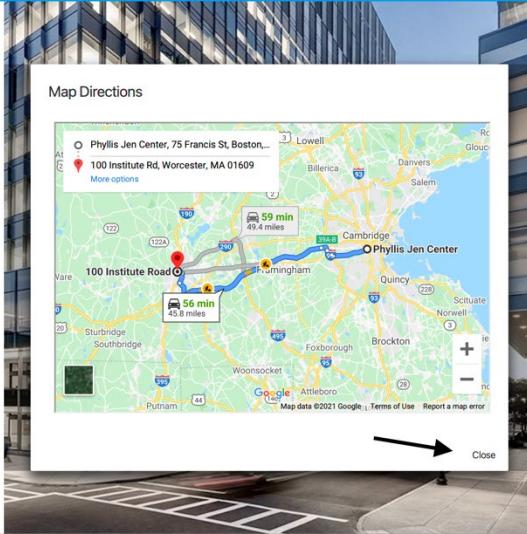
To get directions from the entered location to the hospital click the **To BWH** button. A list with the textual directions written out will appear underneath the buttons along with estimate distance and duration. A pop-up with an annotated map will open over the image of the hospital on the right. To close the map pop-up, click the **Close** button on the bottom right of the pop-up. If **Driving** directions are selected the application will give directions to the parking lot closest to the origin location rather than

the main building entrance, to make parking easier. If another travel method is selected the directions will direct to the main 75 Francis entrance.

#### 7.4. Directions from Brigham and Women's

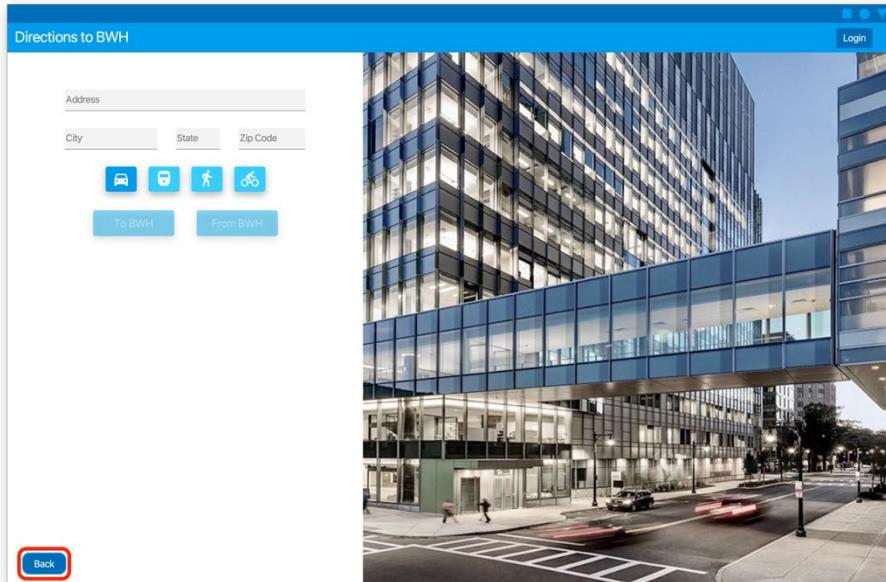


The screenshot shows the 'Directions to BWH' page. At the top, there is a search bar with 'Address: 100 Institute Road' and dropdown fields for 'City: Worcester', 'State: MA', and 'Zip Code: 94114'. Below these are icons for car, bus, walk, and bike, followed by 'To BWH' and 'From BWH' buttons. The 'From BWH' button is highlighted with a red box. To its left, text indicates 'Directions from Brigham and Women's Hospital to 100 Institute Rd, Worcester, MA 01609, USA'. Below this, driving details are listed: 'By Driving' distance '40.1 mi' and duration '1 hour 5 mins'. A detailed list of 11 numbered steps provides the textual directions. At the bottom right of the page is a 'Close' button.



To get directions from the hospital to the inputted location click the **From BWH** button. As with directions to the hospital, a list with the textual directions written out will appear underneath the buttons along with estimate distance and duration. A pop-up with an annotated map will open over the image of the hospital on the right. To close the map pop-up, click the **Close** button on the bottom right of the pop-up.

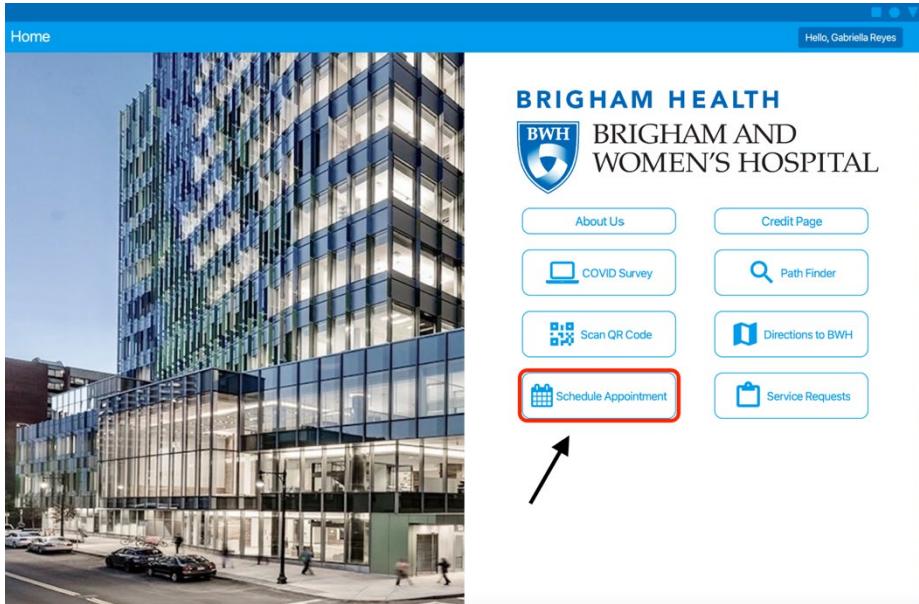
#### 7.5. Returning to the Home Page



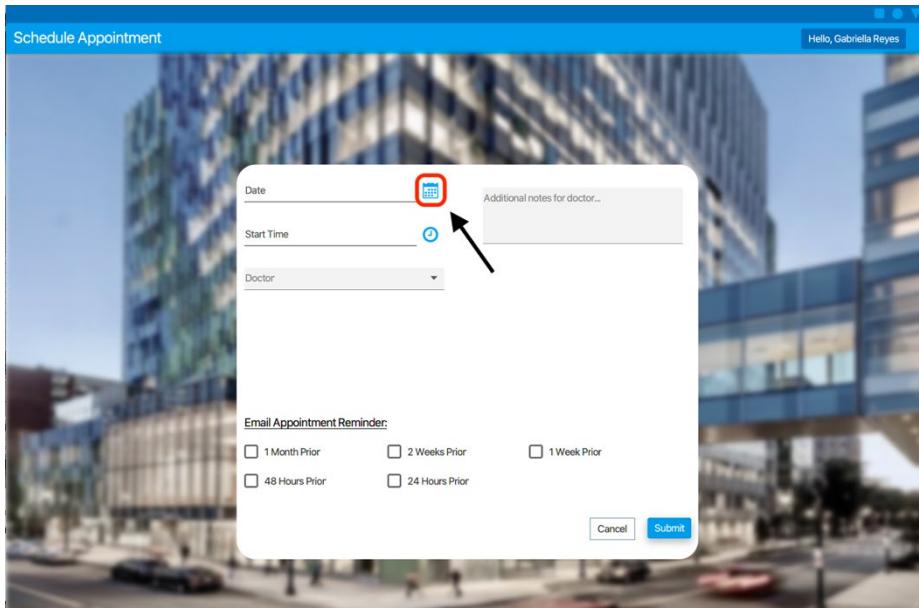
The screenshot shows the 'Directions to BWH' page again. The 'From BWH' button is now highlighted with a red box. The rest of the interface is identical to the previous screenshot, including the address input, travel mode icons, and the large image of the modern hospital building.

To leave the Directions to BWH page click the **Back** button in the bottom left of the page to return to the home page.

## 8. Appointment Scheduling

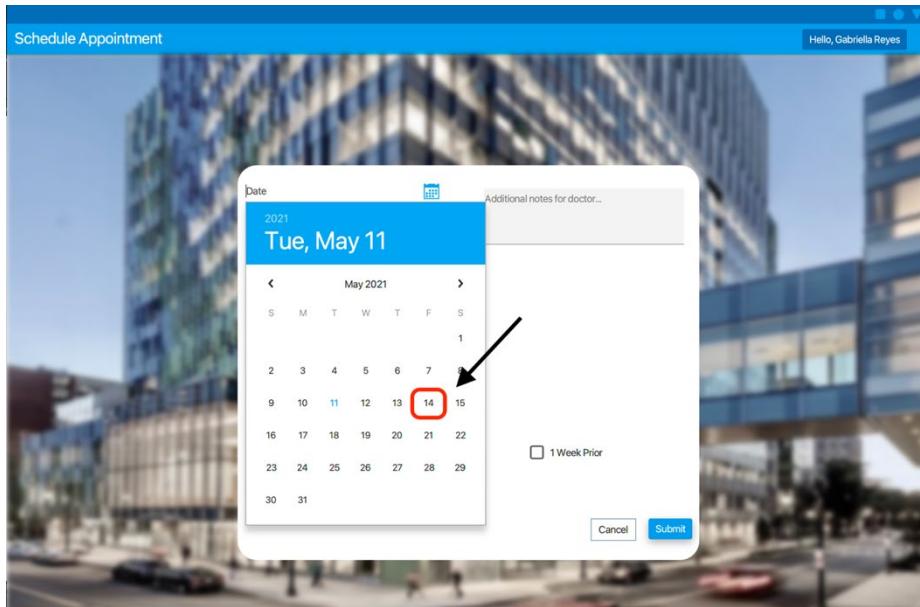


To create an appointment after you are logged into your account, select the “Schedule Appointment” menu option located on the home page.

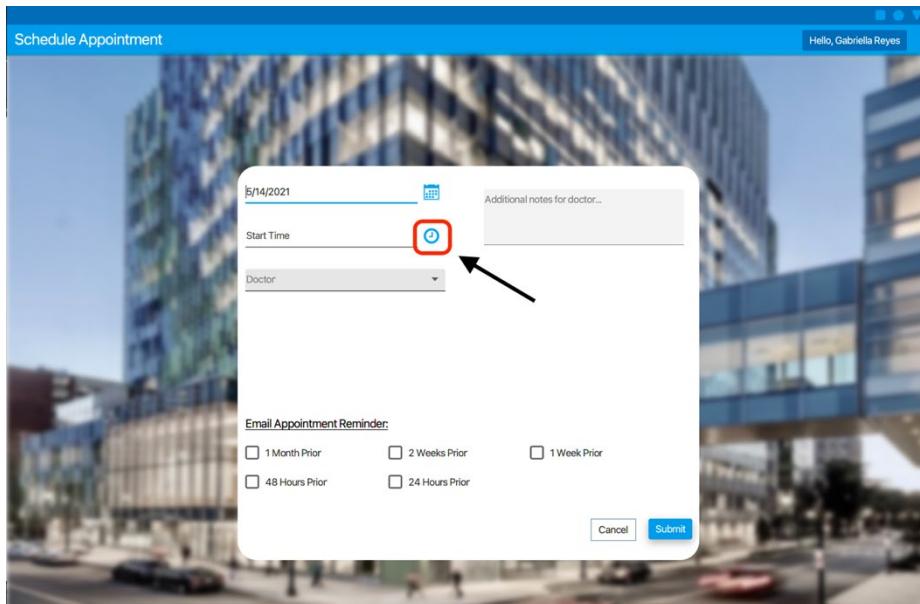


When the schedule appointment page appears, begin filling out the form by selecting a date. To start choosing a date, select the calendar icon next to the date field.

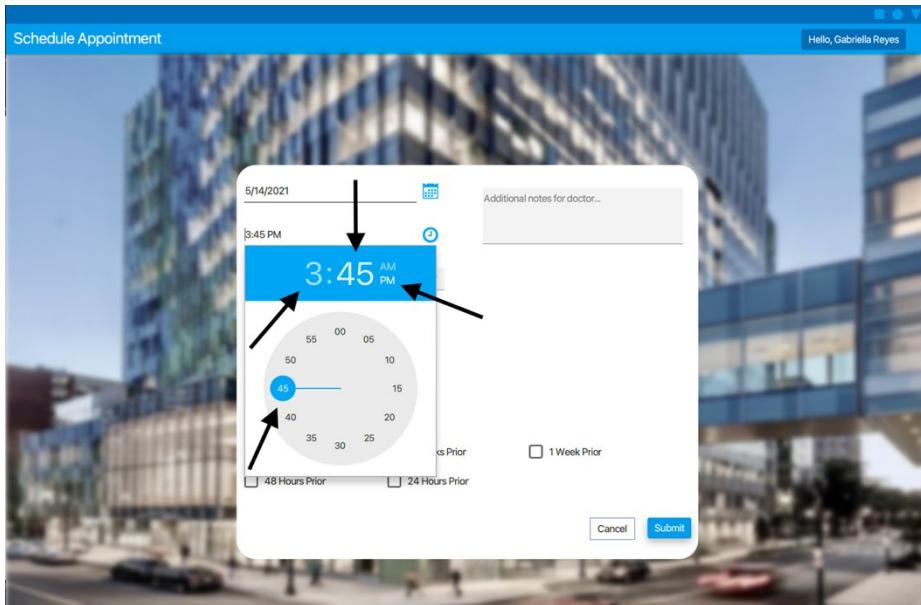
select a date click the calendar icon next to the date field



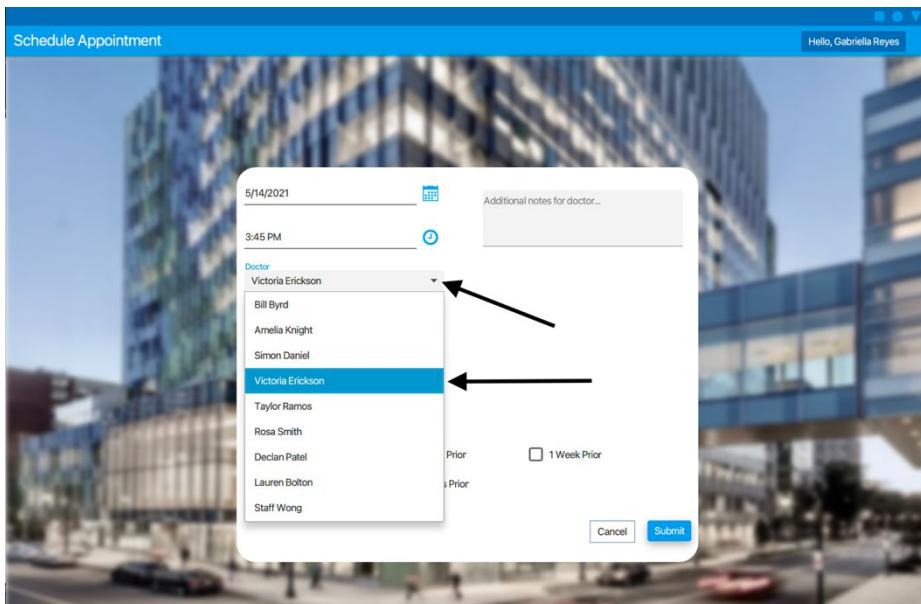
To finish choosing a date, select a day from the displayed calendar. To flip through the months, select the left and right arrows.



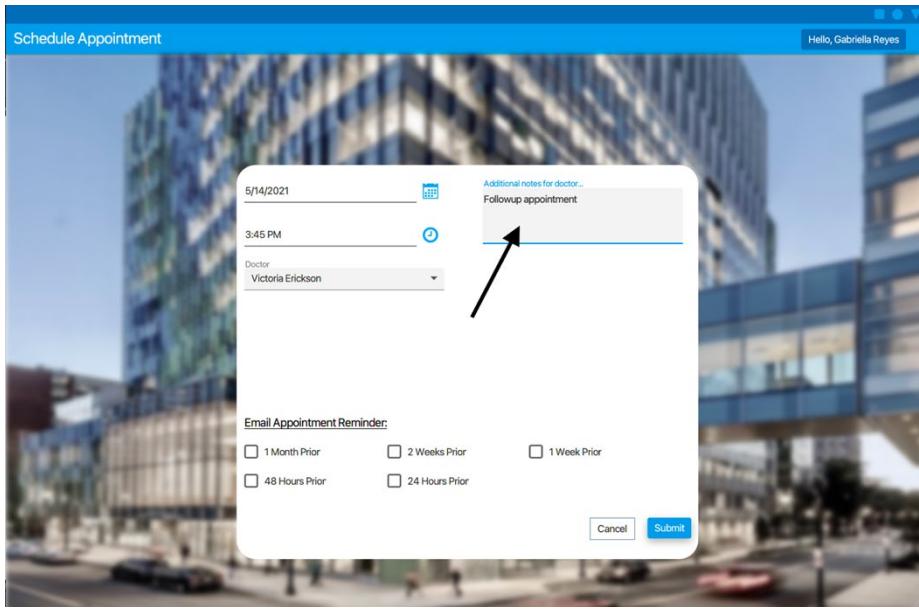
Next begin my selecting an appointment time you wish to schedule your appointment by selecting the time icon next to the Start Time field.



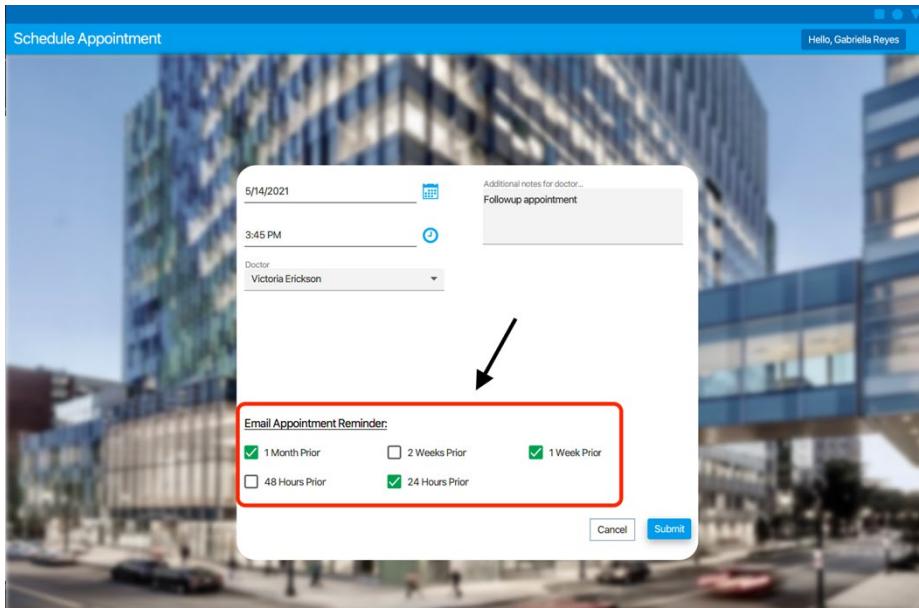
To select a start time, begin by select the digit in the hours place holder. Then drag the blue clock needle by the nob to the select hour you choose. Then select the digits in the minutes place holder to edit the time to be more specific. Again, you can edit this time by dragging the clock hand by the nob. To change the time to PM, select the “PM” next to the displayed time. Likewise, if you wish to book an appointment in the morning, select the “AM” next to the displayed time.



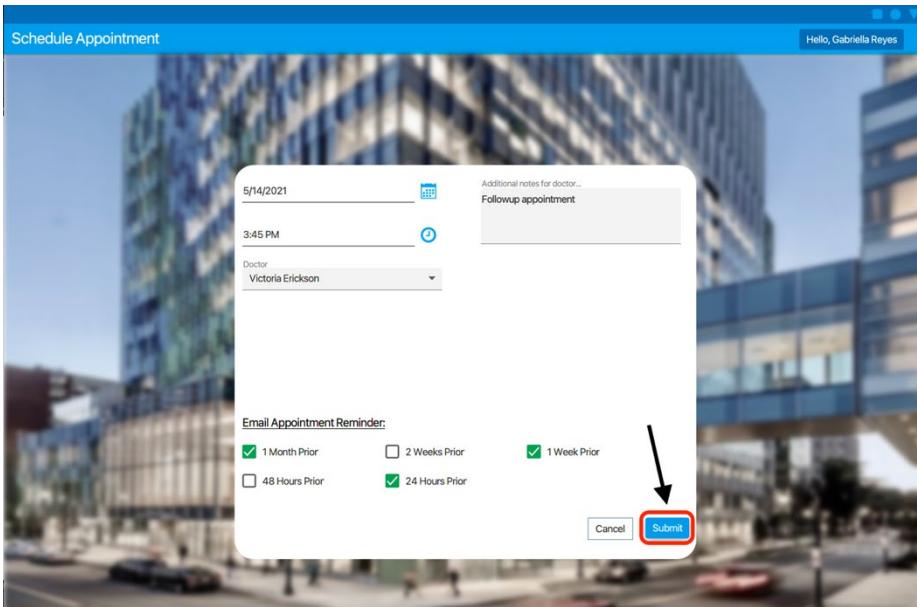
Next to choose a doctor, select the black dropdown arrow on the right side of the field to choose from the available doctors that are working at Brigham & Women's Hospital. When the list of doctors appears in the drop down click the doctor you want to examine you during your appointment.



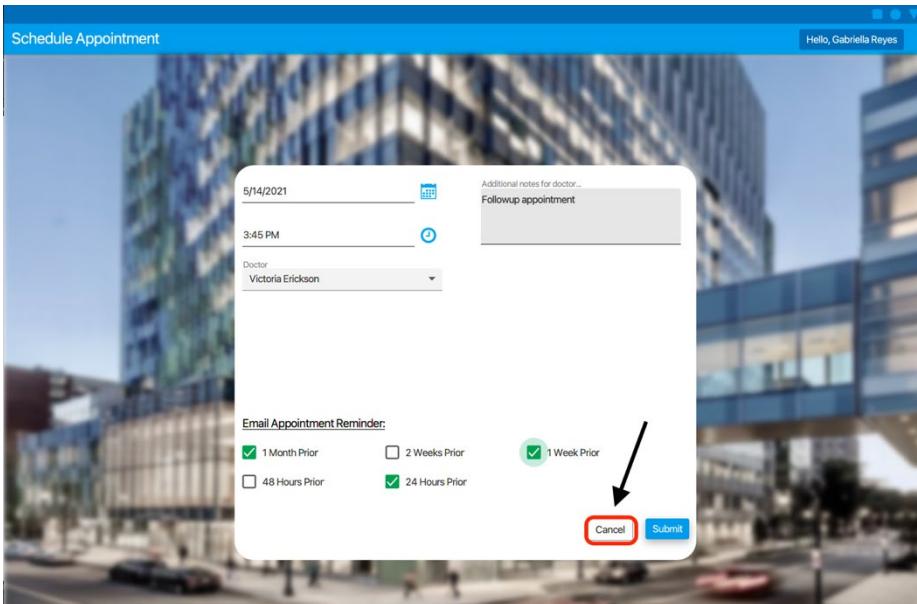
Click in the text field and begin typing any information you would like to provide for your doctor before the appointment.



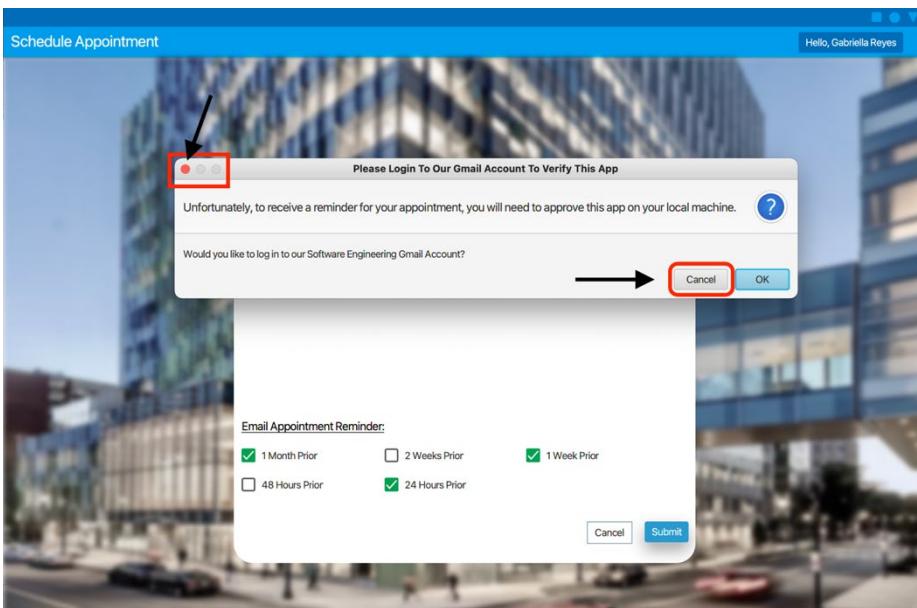
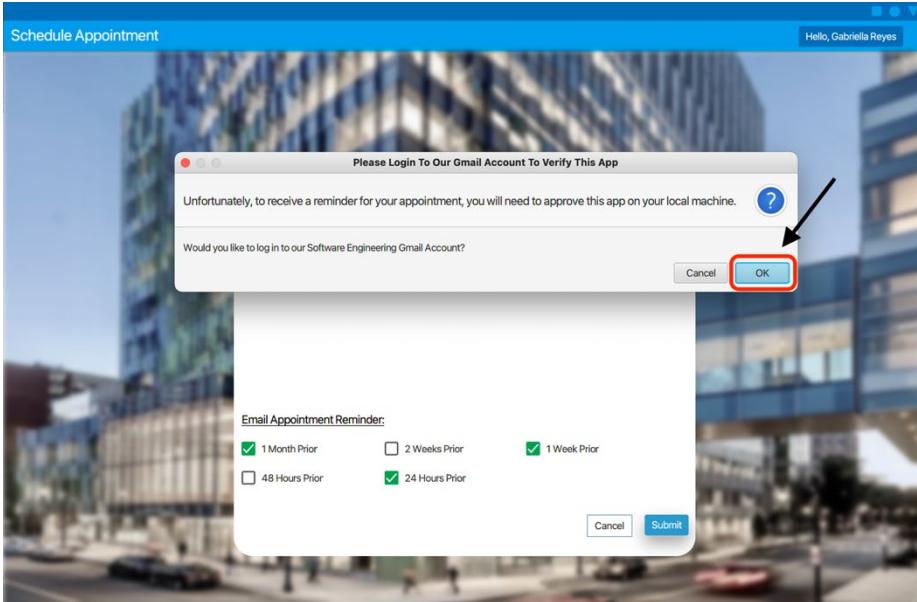
Next, if you would like to receive a reminder email before you scheduled appointment time, select from the available options. You may click as many of the options as you would like, or you could choose none if you would like.



To submit your application, click the submit button in the bottom right-hand corner of the form.

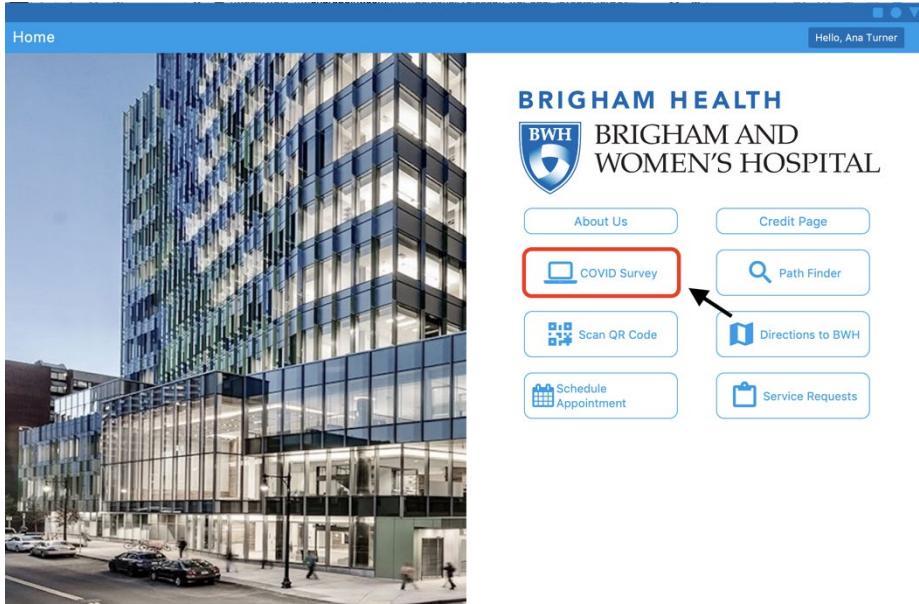


If you would like to cancel your appointment select the cancel button located in the bottom right-hand corner of the form.

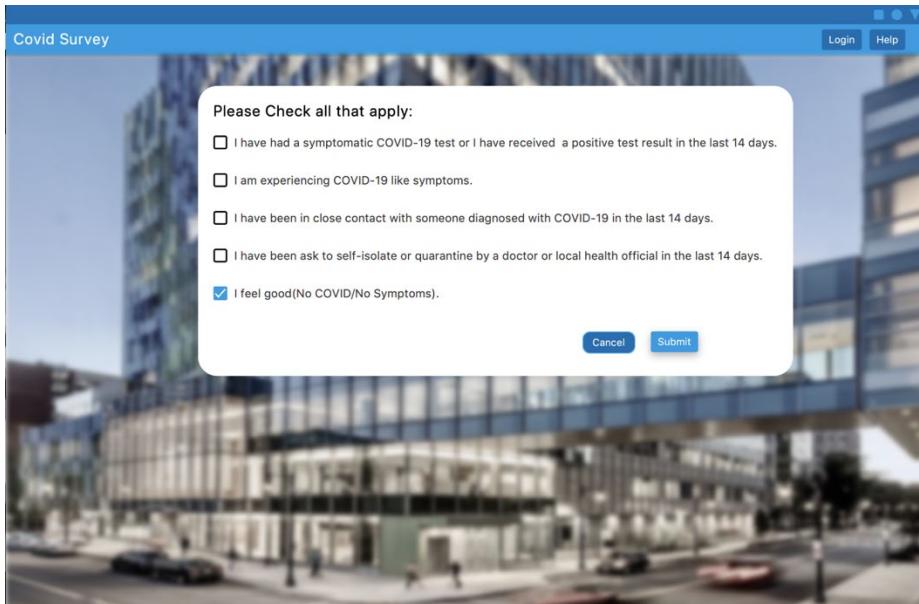


## 9. COVID Survey

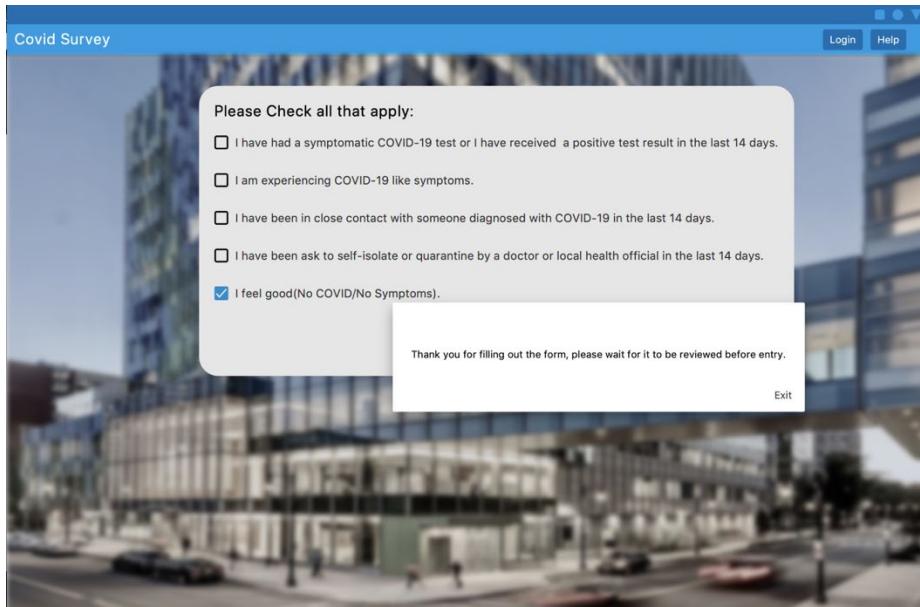
### 9.1. Filling Out a COVID Survey



Select the **COVID Survey** button to bring up the COVID Survey Page.

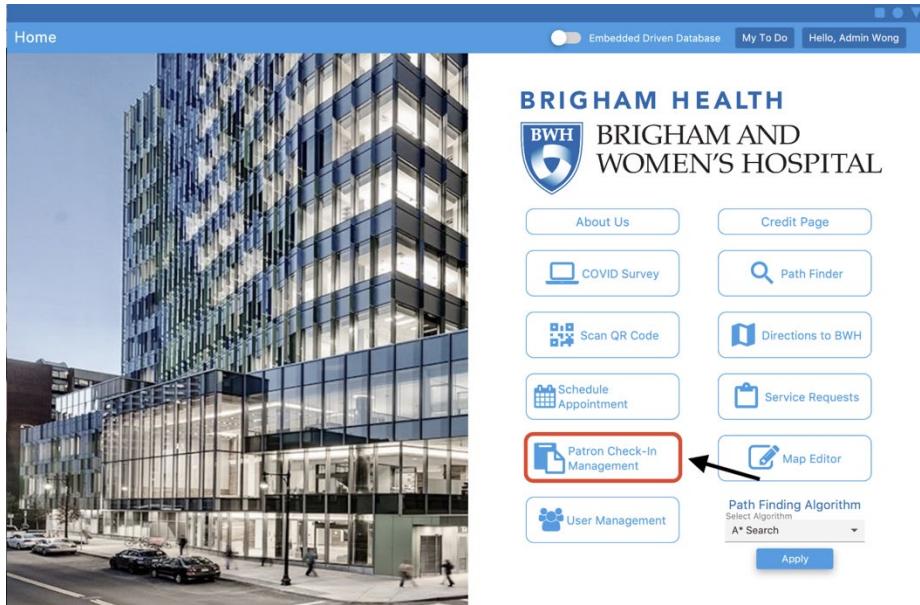


Select all your symptoms and hit the **Submit button**.

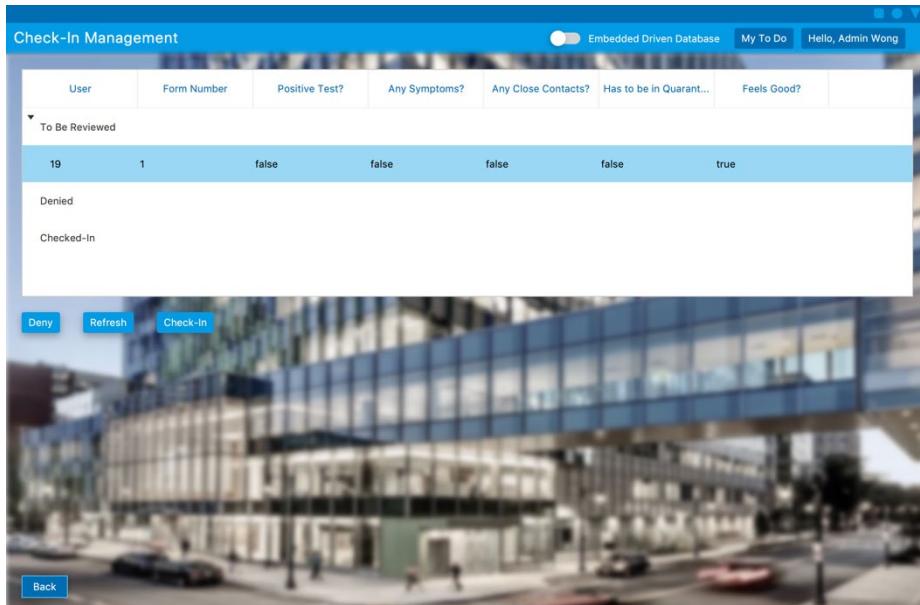


This will bring up a dialog box telling you that your entry request is being reviewed.

## 9.2. Approving a User for Entry



In an admin account, the admin will be able to select the **Patron Check-In Management** button.



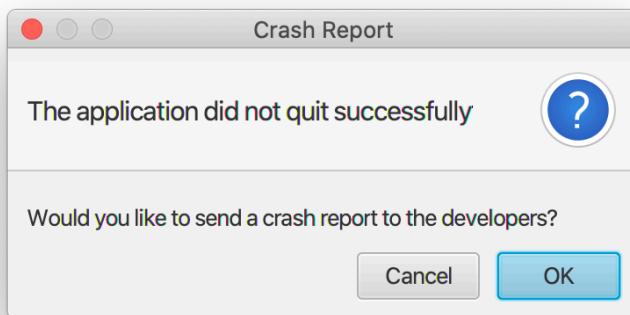
Any filled out COVID surveys will show up in the list and the admin can either select **Deny** to deny the user's entry request or **Check-In** to check in the user.

## 10. Logger

If you would like to check your logs you should open the install directory of the application and look for the files *BWHAApplication.log.0* and *BWHAApplication.log.1*. These files will contain basic logger information about

## 11. Crash Report

If the application crashes, you will be prompted to submit a crash report. If you click okay a report will be sent to the developers of the application.



If you would rather view the crash report yourself, you may open the `BWCrash.log` file. It will contain the information leading up to the application crash.