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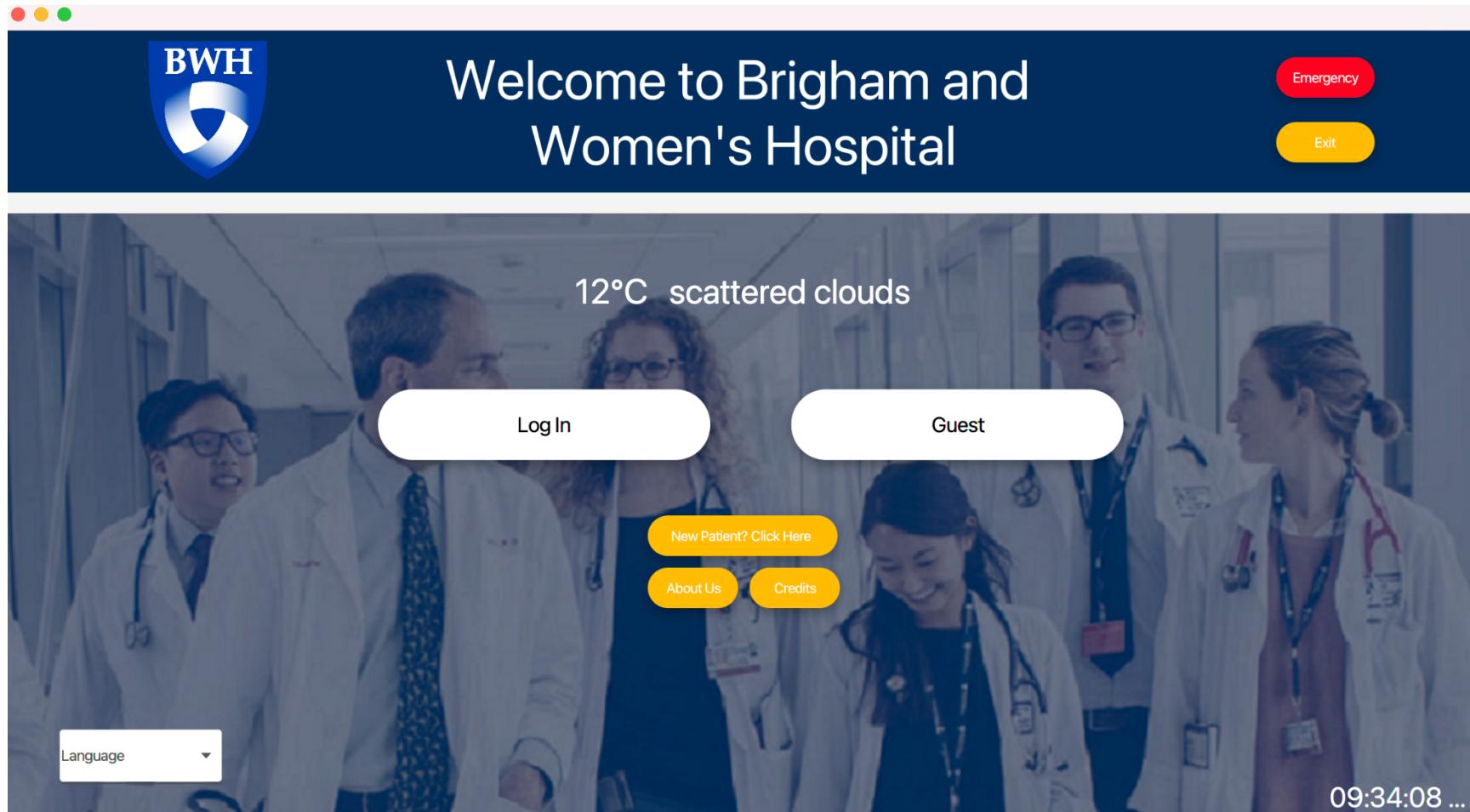
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Github: <https://github.com/SoftEngD21-TeamC/CS3733-D21-Team-C-Prototype>

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Welcome Page



From the welcome page, the user can change the language of the app at the bottom left. They can login with their account, as a guest, or make a new guest account. They also can see the About Us and Credits pages or exit the app from this screen. The current time is given in the button right and displays the current weather in Boston, Massachusetts (the location of Brigham and Women's Hospital).

About Page

The screenshot shows the 'About Us' page of a mobile application. At the top left is the Brigham & Women's Hospital (BWH) logo. To its right is the title 'About Us'. Below the title is a message of thanks to the hospital. On the far right are two buttons: a red one labeled 'Emergency' and a yellow one labeled 'Home'. The main content area contains nine cards, each featuring a photo of a team member and their name and role. The cards are arranged in three rows of three.

 Mary Braen Scrum Master & UI+Graphics	 Errica Cheng Project Manager & UI+Graphics	 Carlie Flanagan Assistant Lead Software Developer & Backend Database
 Nigel Kobayashi Documentation & Algorithms	 Nathan Kumar Backend Database & UI+Graphics	 Toby Schaeffer Assistant Lead Software Developer & Algorithms
 Dylan Shanes UI+Graphics	 Hayden Smith Lead Software Developer & Backend Database	 Alex Strickland Product Owner & Algorithms

On our about page, we include a special thank you to Brigham & Women's hospital and pictures of the nine software engineers that worked on this application.

Credits Page

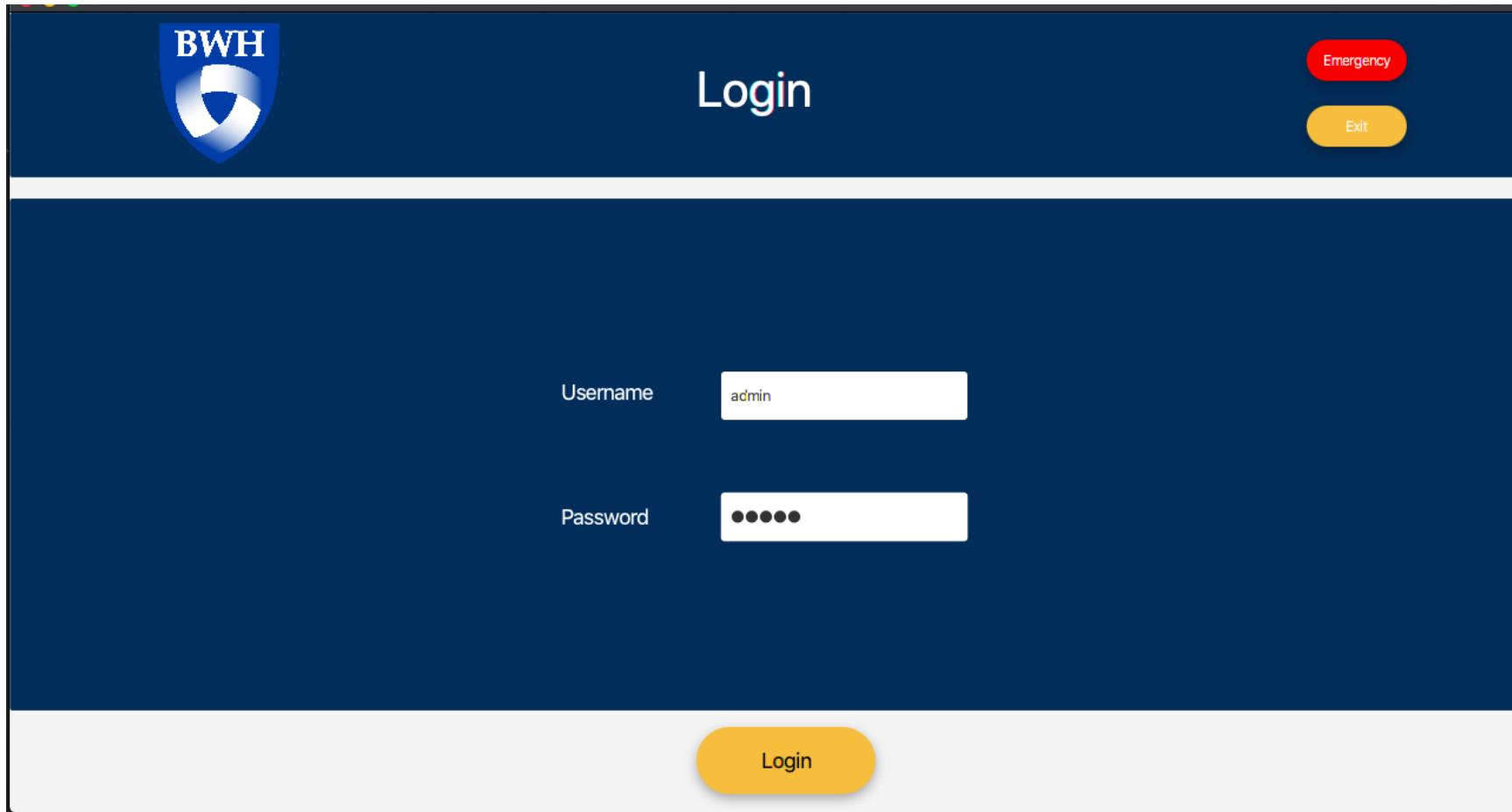
The screenshot shows a mobile application's credits page. At the top left is the BWH logo, which consists of a blue shield with a white 'B' and 'W' inside. To the right of the logo is the word 'Credits' in large white letters. In the top right corner are two rounded rectangular buttons: a red one labeled 'Emergency' and a yellow one labeled 'Home'. The main content area contains two columns of text. The left column lists four services: 'Map Editor', 'Email System', 'Weather', and 'Translation'. The right column lists five APIs: 'GestureFX 0.6.0 API', 'JavaFX Mail 1.5.0-b01 & GMAIL API', 'OpenWeatherMap API', and 'Google Scripts API'. At the bottom right of the page is the time '11:34:33 PM'.

Map Editor	GestureFX 0.6.0 API
Email System	JavaFX Mail 1.5.0-b01 & GMAIL API
Weather	OpenWeatherMap API
Translation	Google Scripts API

11:34:33 PM

On the credits page, we list the APIs that are used in our application.

Login Page



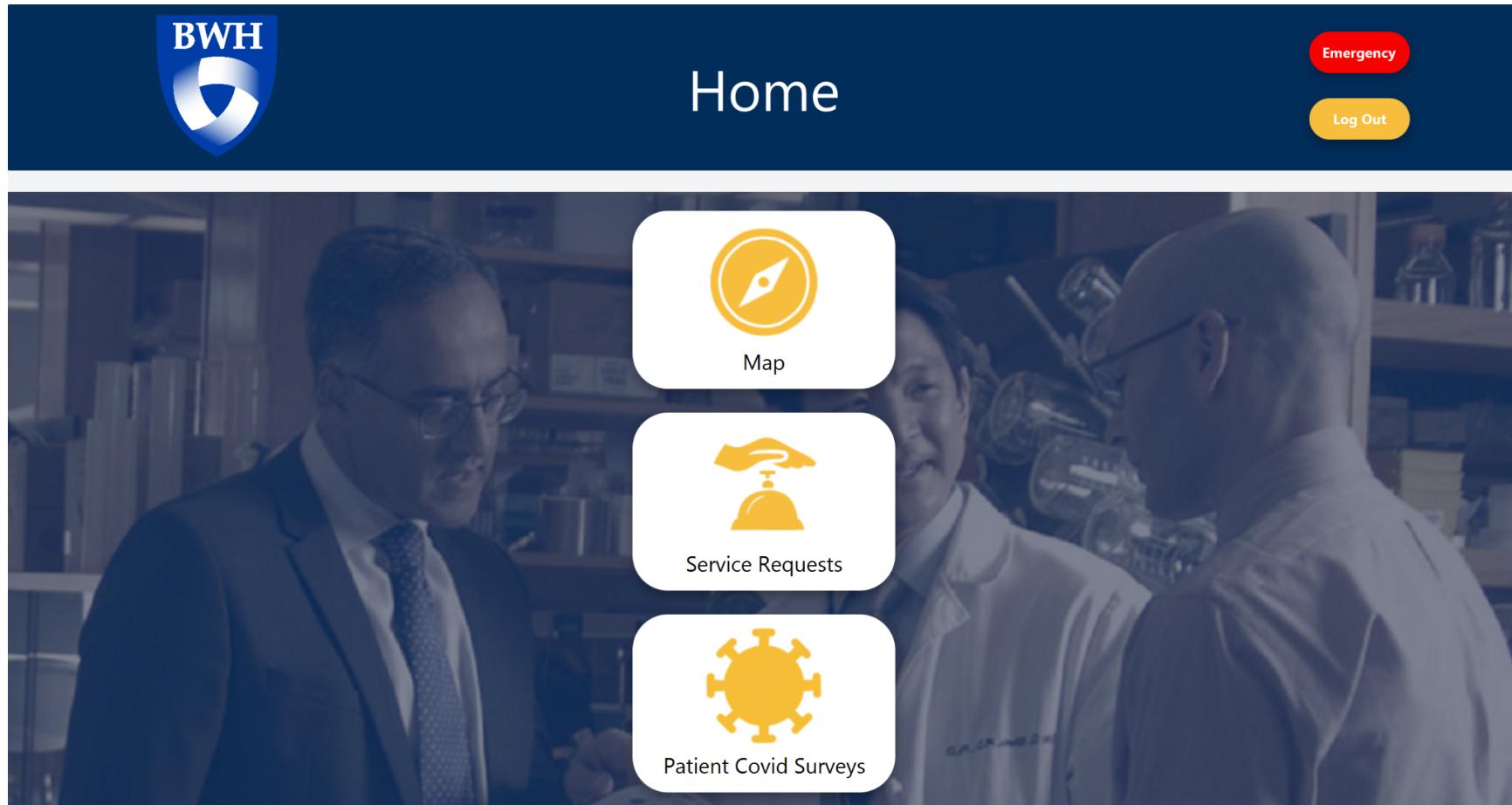
The login page is for patients, employees, and administrators to sign in so they can access features for their authentication level. The user can also exit the app or call for an emergency from this screen.

Guest Home Page



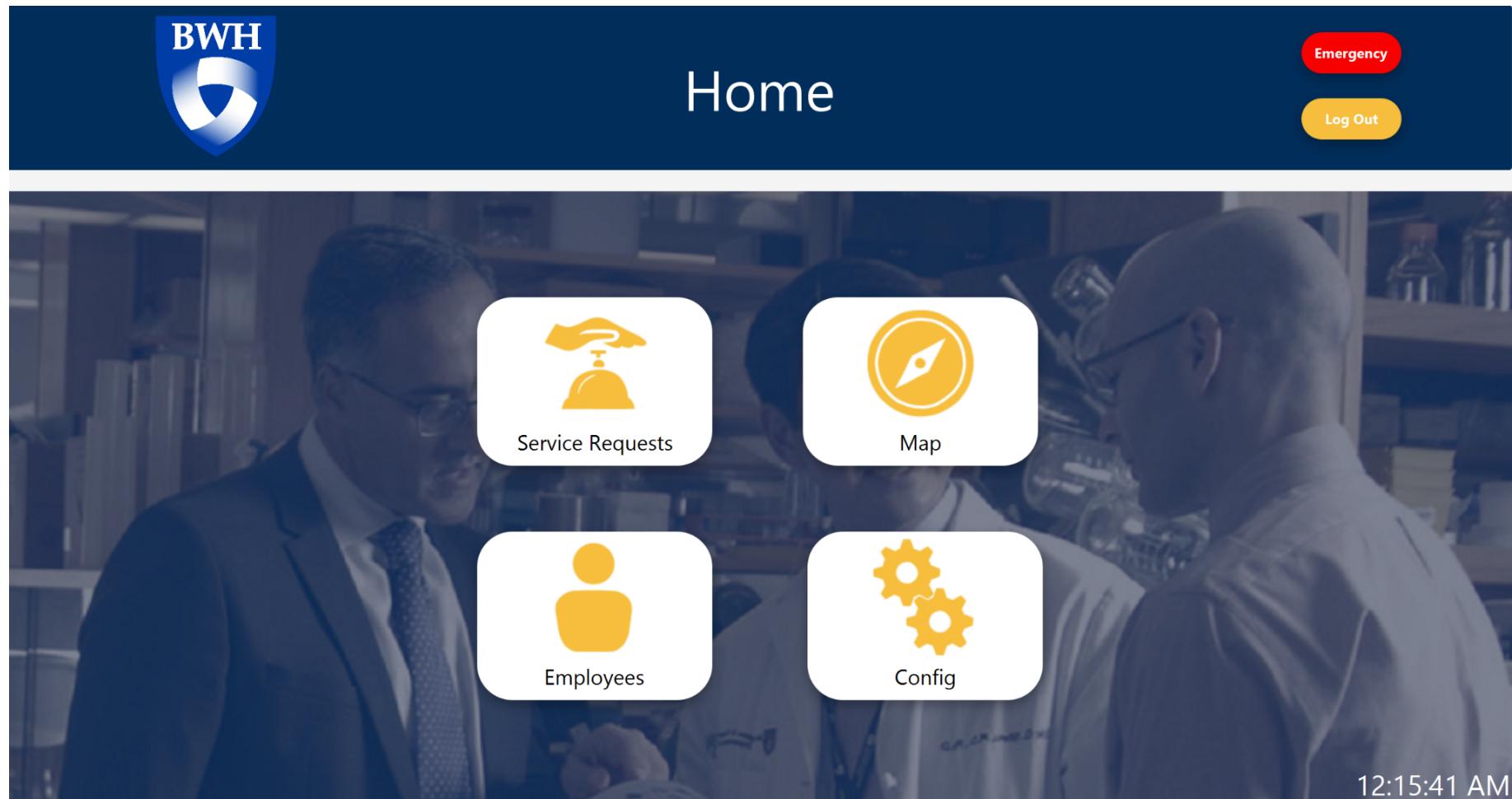
This page displays all the services available to guests. These include a COVID symptom survey, a map and navigation page, and service requests. A logout button is in the top corner in yellow which will allow the user to logout and exit the program or log in as another user. On this page, and all pages in this application, a red emergency button will alert hospital personnel and help will be on the way to the kiosk's location.

Employee Home Page



This page displays all the services available to employees. These include a table containing all COVID symptom surveys assigned to the employee for approval, a map and navigation page, and service requests. A logout button is in the top corner in yellow which will allow the user to logout and exit the program or log in as another user. On this page, and all pages in this application, a red emergency button will alert hospital personnel and help will be on the way to the kiosk's location.

Administrator Home Page



The screenshot shows the Administrator Home Page. At the top left is the BWH logo. To the right is the word "Home". On the far right are two buttons: a red one labeled "Emergency" and a yellow one labeled "Log Out". Below this header is a blurred background image of three men in a hospital setting. Overlaid on this background are four white rounded square buttons arranged in a 2x2 grid. The top-left button contains a yellow bell icon and the text "Service Requests". The top-right button contains a yellow compass icon and the text "Map". The bottom-left button contains a yellow person icon and the text "Employees". The bottom-right button contains two yellow gears and the text "Config". In the bottom right corner of the page, the time "12:15:41 AM" is displayed.

This page is for users that log in with an administrator account. It allows them to access service requests, hospital staff, database configuration and the map editor. The user can also log out from this page.

Administrator Database Configuration

Configuration

Emergency

Log Out

Embedded | Remote

Enter address here

Enter port here

Enter database name here

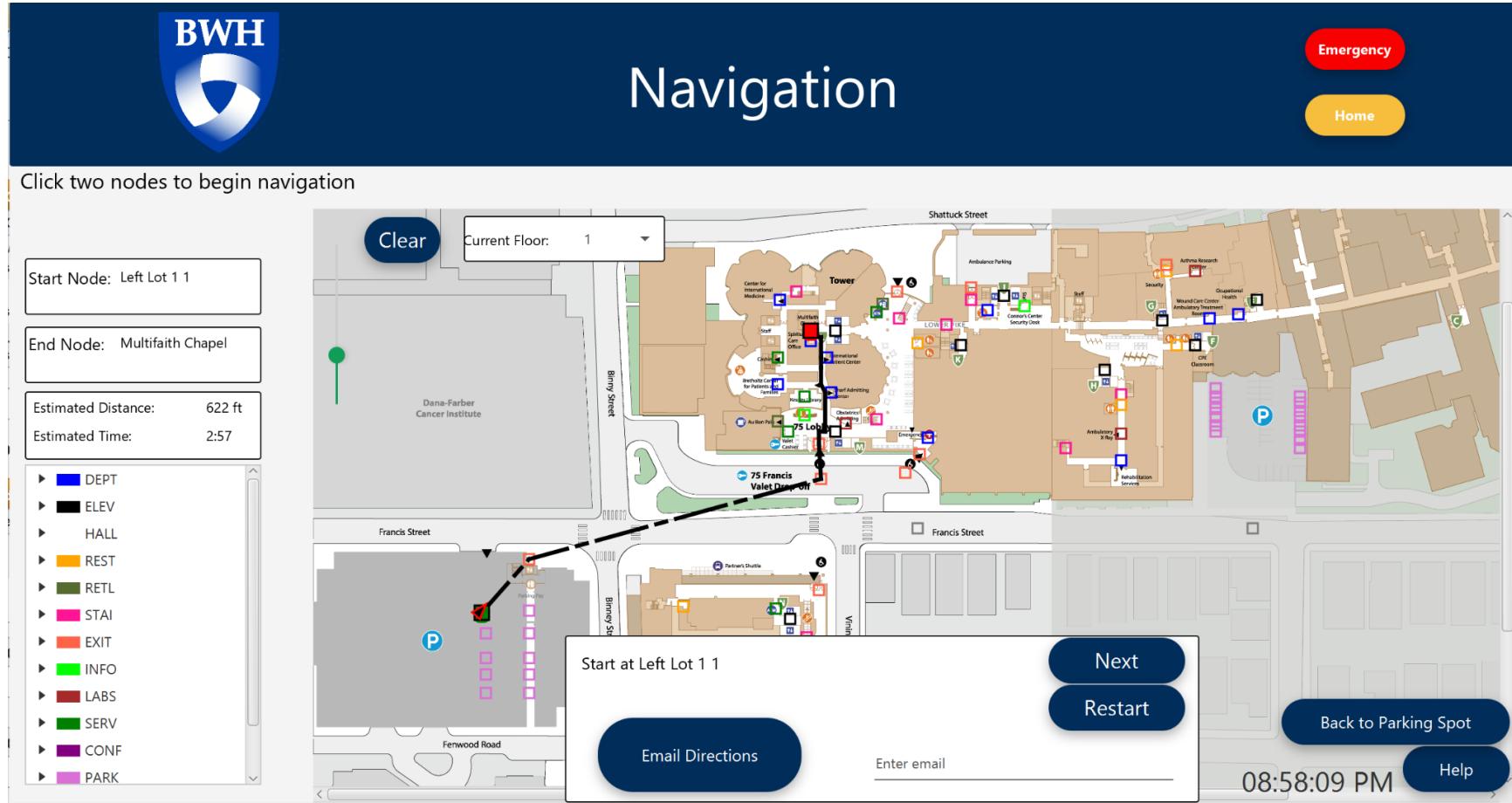
Back

Submit

12:16:52 AM

This page is for toggling between the remote and embedded databases. Once the toggle is switched to remote, the text fields become enabled for the user to enter their remote database credentials. Once the credentials are filled in, the user can submit and the program will attempt to switch to the remote database. If it fails to connect to the remote database, the program will default to the embedded database. The user can also toggle back to the embedded database.

Guest Navigation



Pictured above is the guest map, which provides the user with the ability to navigate throughout the hospital. The guest can navigate toward a destination using this screen by graphically selecting where they would like to travel. Locations can also be selected from the legend on the left. The map can show multiple floor directions, email directions, and routes the user through the emergency room if they are suspected of having COVID.

To zoom on the map, control scroll, pinch your trackpad, or slide the green zoom bar. Click and drag the map to pan.

Selecting a floor on the current floor dropdown will change the display to the selected floor.

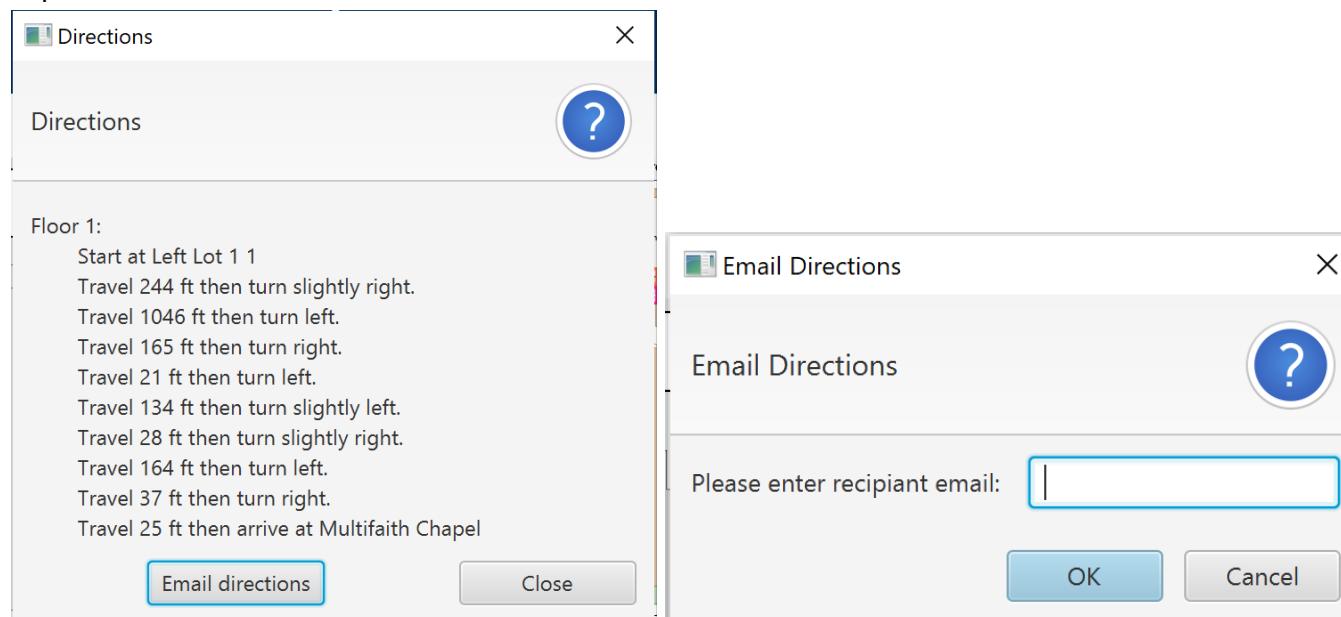
The help button will take the user to the Guest Navigation Help page with text describing each action they can take.

The back to parking spot button will route the user back to their parking spot based on their last destination and initial parking spot starting location.

Click on a location on the map, marked by a colored box, or on the legend to the left. This will prompt a menu where a starting or ending location can be selected. Selecting a start or end location will place a green or red box over the node to mark it as the start or end, respectively. Once both starting and ending nodes have been selected, a path is automatically generated. The direction of travel is indicated by the animation of the lines. The clear button can be clicked at any point to reset the map and navigation.

Directions

Once the path is generated, a window displaying the directions hierarchically by floor. From this window, the user can either choose to close it or to send the directions as an email. If the email option is chosen, a new window will be displayed with a text box to enter the recipient email and options to send or cancel.



A directions box will also appear at the bottom of the screen to show the next direction with each click of the next button. With each new direction, the map will zoom to the selected segment and an arrow will indicate direction. If the path leads to another floor, the map will automatically switch floors according to directions or the user can manually switch floors. Once the last direction is displayed, the directions will start over. Clicking the restart button will restart the navigation from the starting location. A list of directions can be emailed by filling out the email text box and clicking the "send directions as an email" button. The estimated distance and time box on the left will display the total estimated distance and time from the starting to ending location.

Guest Navigation Help

The screenshot shows the BWH Guest Navigation Help page. At the top left is the BWH logo. To its right, the word "Navigation" is displayed in large white letters. On the far right are two buttons: a red "Emergency" button and a yellow "Home" button. A dark blue header bar spans across the top, containing several yellow callout boxes with instructions:

- "Your selected start and end locations are displayed here" (points to a text box below the logo).
- "This button will call for emergency assistance to your location" (points to the "Emergency" button).
- "This button will bring you back to the home screen" (points to the "Home" button).

Below the header is a large campus map. On the left side of the map, there are input fields and a legend:

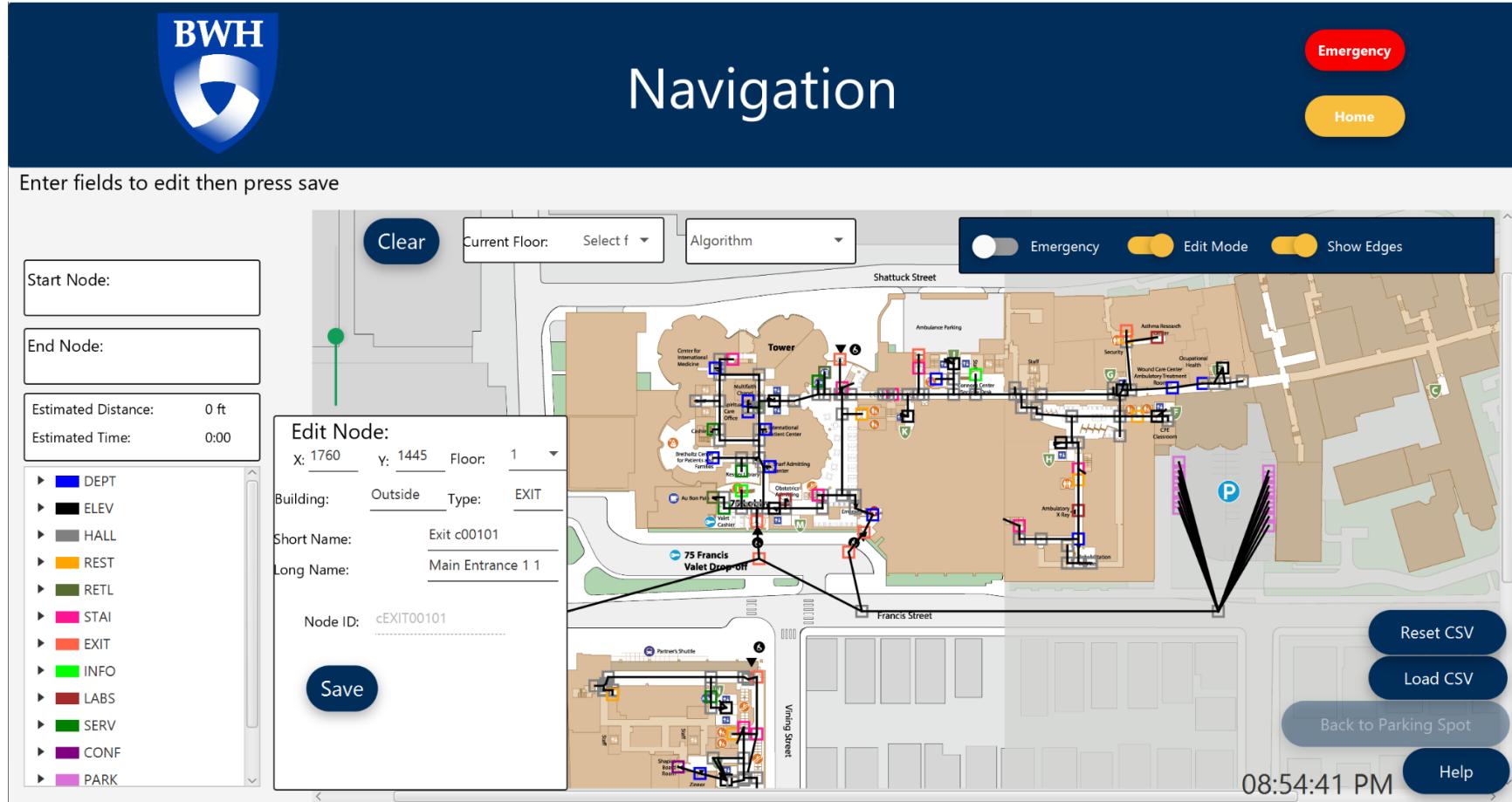
- "Start Node: Start node" and "End Node: End node" input fields.
- "Estimated Distance: 0ft" and "Estimated Time: 0:00" displays.
- A legend with color-coded icons and labels: DEPT (blue), ELEV (black), HALL (grey), REST (orange), RETL (dark green), STAI (pink), EXIT (red), INFO (green), LABS (dark red), SERV (dark green), EMER (red), and CONF (purple).
- A "Clear" button and a "Current Floor: 1" dropdown menu.
- A "Slide to zoom" control.
- A "Select desired floor from this menu" callout pointing to the floor dropdown.
- A "Back to Parking Spot" button and a "Help" button at the bottom right of the map area.

A central callout box points to the distance and time displays with the text: "The estimated distance and time to destination is displayed here". Another callout box points to the map area with the text: "Each node is color coded based on its type".

At the bottom center of the page is the text: "Right click on a node to select as a start or destination. Once both are selected, step-by-step directions will appear." To the right of this text is a "Back" button and the timestamp "09:42:46 PM".

This page displays information on each feature of the navigation page. Additional directions are displayed at the bottom of the screen. Clicking the back button will take the user back to the Guest Navigation page.

Administrator Navigation



The admin map allows for an enhanced navigation suite as compared to the user navigation options. The admin can select a pathfinding algorithm. The admin can also set whether the emergency or normal entrance should be used using the emergency toggle button.

Editing Suite

Upon toggling “Edit mode” on, the admin can now fully edit the map. This includes adding a location of interest, which are referred to as Nodes, clicking and dragging existing nodes around, editing node information, viewing hidden nodes, and connecting nodes together using lines, which are referred to as Edges.

Right clicking the map will bring up a menu which allows the user to add a node. The node’s information can be entered and upon clicking “Add”, will visually add the node to the map as well as update across the application.

Clicking a node will bring up a menu where one can edit the node’s information in a similar way to adding a node, pressing “save” to update the information.

Right clicking on a node will bring up a menu where the admin can add edges to other nodes, or delete the node entirely.

To add edges, after clicking “Add Edge To…”, the user can see the already connected edges and click on additional nodes to create more. These edges are automatically saved. Clicking the “Clear” button will exit this mode.

Holding control and clicking on the node will allow selecting the node, as indicated by the node becoming solid colored. Selecting multiple nodes allows the user to align the nodes, using the “Align nodes” button that will appear. The align nodes button will align the selected nodes along the X or Y axis, whichever they are closest to aligning to already.

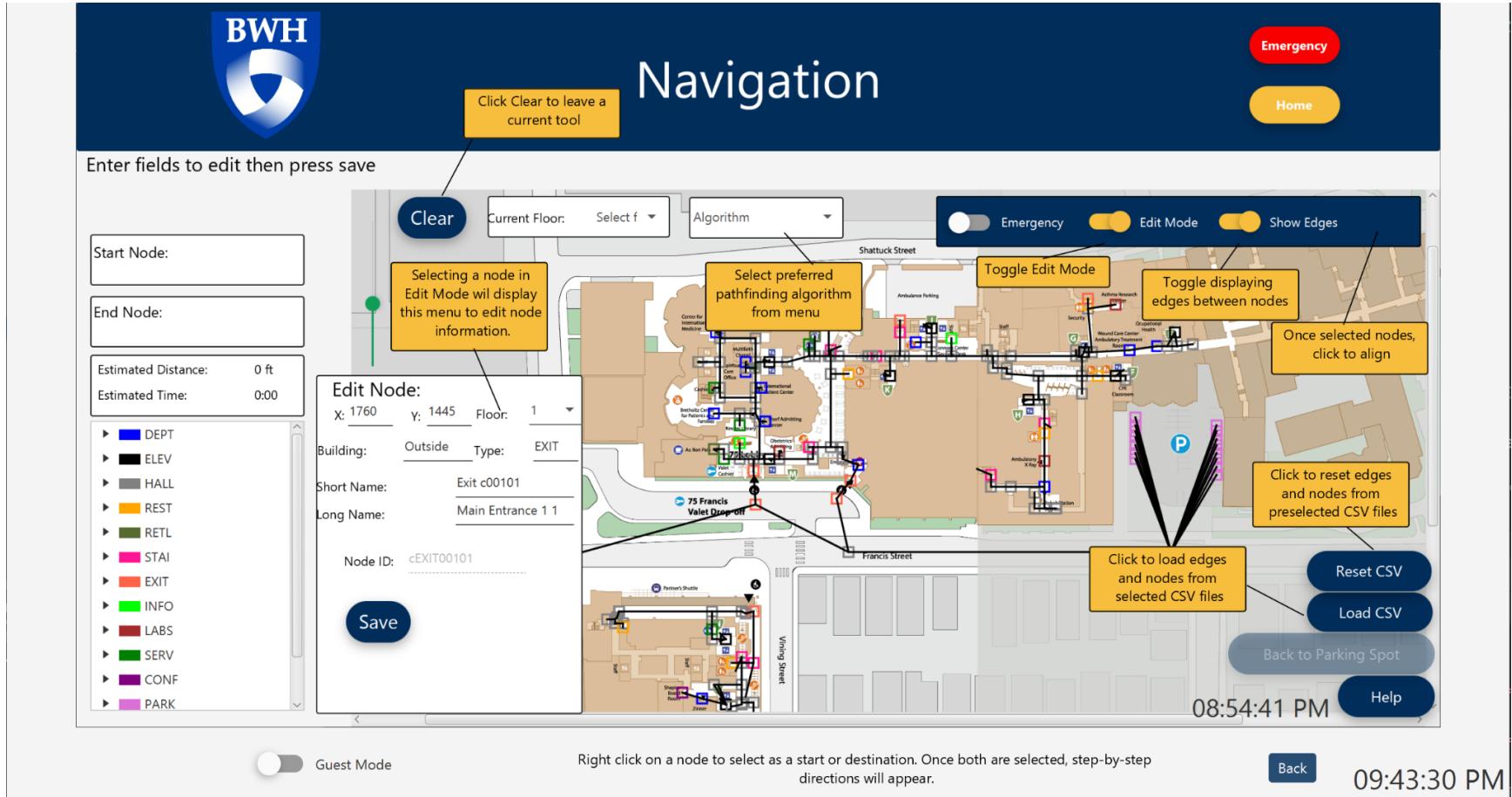
Clicking the “show edges” toggle button will show all of the edges of the map. From here, the user can edit nodes and add edges as usual, but they are also able to click the edges to delete them.

The reset CSV button will reset the database based on predetermined edges and nodes CSV files.

The load CSV button will prompt the user to select an edge CSV file and then a node CSV file. Once selected, the database will be rebuilt using the selected CSV files.

The help button will take the user to an Administrator Navigation Help page, where more information on each feature is displayed.

Administrator Navigation Help



This page displays information on each administrator feature. Additional instructions are displayed on the bottom of the screen. The back button will take the user back to the Administrator Navigation page. Toggling the guest mode will display the guest version of the

navigation help page as shown below.



Navigation

Your selected start and end locations are displayed here

Click two nodes to begin navigation

Start Node: Start node

End Node: End node

Estimated Distance: 0ft
Estimated Time: 0:00

DEPT
ELEV
HALL
REST
RETL
STAI
EXIT
INFO
LABS
SERV
EMER
CONF

This button will call for emergency assistance to your location

Emergency

This button will bring you back to the home screen

Home

Clear

Current Floor: 1

Slide to zoom

Select desired floor from this menu

The estimated distance and time to destination is displayed here

You can also select locations by using this legend. Expand a folder to select a location.

Each node is color coded based on its type

This button will direct you back to your stored parking spot

Back to Parking Spot

Help


Guest Mode

Right click on a node to select as a start or destination. Once both are selected, step-by-step directions will appear.

Back
09:43:56 PM

Guest Service Request Menu

The screenshot shows a web-based service request system for guests. At the top left is the Brigham and Women's Hospital (BWH) logo. To its right is the title "Service Request Systems". On the far right are two buttons: a red one labeled "Emergency" and a yellow one labeled "Log Out". The main area features four service request icons arranged in a 2x2 grid. The top-left icon is for an "Interpreter", showing a globe with arrows. The top-right icon is for "Floral", showing a yellow flower. The bottom-left icon is for "Counseling", showing two hands holding a heart. The bottom-right icon is for "Food Delivery", showing a yellow hamburger. In the bottom right corner of the main area, the time "07:33:01 PM" is displayed.

This page details the available service requests to guests. They may access an Interpreter, Floral Delivery, Counseling, or Food Delivery request by clicking on a button. The user can also log out from this page or go home by clicking on the hospital logo.

Employee Service Request Menu



Service Request Systems

Emergency

Log Out

-  Internal Transport
-  External Transport
-  Interpreter
-  Floral
-  Medicine
-  Counseling
-  Food Delivery
-  Maintenance
-  Sanitation
-  Employee Tickets

10:18:09 PM

This page details the available service requests to employees. They may access an Internal Patient Transport, External Patient Transport, Interpreter, Floral Delivery, Medicine Delivery, Counseling, Food Delivery, Maintenance, or Sanitation request, or see a table of all service requests assigned to the employee, by clicking on a button. The user can also log out from this page or go home by clicking on the hospital logo.

Administrator Service Request Menu

The screenshot displays the "Service Request Systems" menu. At the top left is the BWH logo. In the top right are two buttons: "Emergency" (red) and "Log Out" (yellow). The main title "Service Request Systems" is centered above a grid of nine service icons. Each icon is a yellow circle with a white outline and a white icon inside. Below each icon is a label describing the service.

Icon	Service Description
	Internal Transport
	External Transport
	Interpreter
	Medicine
	Counseling
	Food Delivery
	Maintenance
	Sanitation
	Floral

This page details the available service requests to administrators. They may access an Internal Patient Transport, External Patient Transport, Interpreter, Floral Delivery, Medicine Delivery, Counseling, Food Delivery, Maintenance, or Sanitation request by clicking on a button. The user can also log out from this page or go home by clicking on the hospital logo.

Interpreter Service Request

The screenshot shows a web-based service request form titled "Interpreter Services". At the top left is the BWH logo. A red "Emergency" button is in the top right corner. The main form area has four input fields: "Name" (text input "Enter name here"), "Language" (dropdown "Select language"), "Location" (dropdown menu showing "Hallway", "Conference", "Department", "Elevator", and "Exit"), and "Employee" (dropdown "Select employee"). Below these is a "Request Summary" section with a text area placeholder "ENTER BRIEF SUMMARY OF REQUEST HERE (optional)". At the bottom are "Back" and "Submit" buttons.

Name

Language

Location
▶ Hallway
▶ Conference
▶ Department
▶ Elevator
▶ Exit

Employee

Request Summary

ENTER BRIEF SUMMARY OF REQUEST HERE (optional)

Back

This page allows patients, guests, or staff to request an interpreter to a location in the hospital. The user will input the name of the person needing an interpreter, the location, the language that needs interpreting, and the hospital staff member in charge of fulfilling the request. There is additional space if there is other relevant information that needs to be submitted. After all required fields are filled, the submit button will become bright and clickable. Upon submitting, the chosen employee will receive an email detailing the request. The back button brings the user back to the service request menu and the hospital logo will take the user back to the home page.

Floral Delivery Request



Floral Delivery Request

Emergency

Name of Recipient

Recipient's Room

- ▶ Hallway
- ▶ Conference
- ▶ Department
- ▶ Elevator
- ▶ Exit

Type of Flowers

Note (optional):

Number of Flowers

Assign To:

CHOOSE EMPLOYEE

This page allows patients, guests, or staff to order flowers to a room in the hospital. It lets the user enter the name of the recipient, their room number, select a type of flower from Geranium, Rose, Lilac, Hyacinth, and Tulip and an amount of flowers to be delivered, and the hospital staff member in charge of fulfilling the request. There is also an optional note that can be delivered with the flowers. After all required fields are filled, the submit button will become bright and clickable. Upon submitting, the chosen employee will receive an email detailing the request. The back button brings the user back to the service request menu and the hospital logo will take the user back to the home page.

Food Delivery Request



Food Service Request

Emergency

Name	<input type="text" value="Enter name here"/>	Room Number	<input type="text" value="Hallway"/> ▶ Ccnference ▶ Department
Food	<input type="button" value="Choose food"/>	Date	<input type="text" value="Select day"/> <input type="button" value="calendar icon"/>
Side	<input type="button" value="Choose side"/>	Time	<input type="text" value="Select time"/> <input type="button" value="clock icon"/>
Drink	<input type="button" value="Choose drink"/>	Assign To	<input type="text" value="Choose employee"/>
Special Instructions <small>Enter special instructions here (e.g. "No tomatoes")</small>			
<input type="button" value="Back"/>		<input type="button" value="Submit"/>	

This page allows patients, guests, or staff to order food to the chosen room. The user will select a main, side, and drink from the options listed in the dropdown. They also have the ability to set a time of delivery if they want the food for later. After all required fields are filled, the submit button will become bright and clickable. Upon submitting, the chosen employee will receive an email detailing the request. The back button brings the user back to the service request menu and the hospital logo will take the user back to the home page.

Counseling Request



Counseling Request

Emergency

Patient Name

Location
▶ Hallway
▶ Conference
▶ Department
▶ Classroom

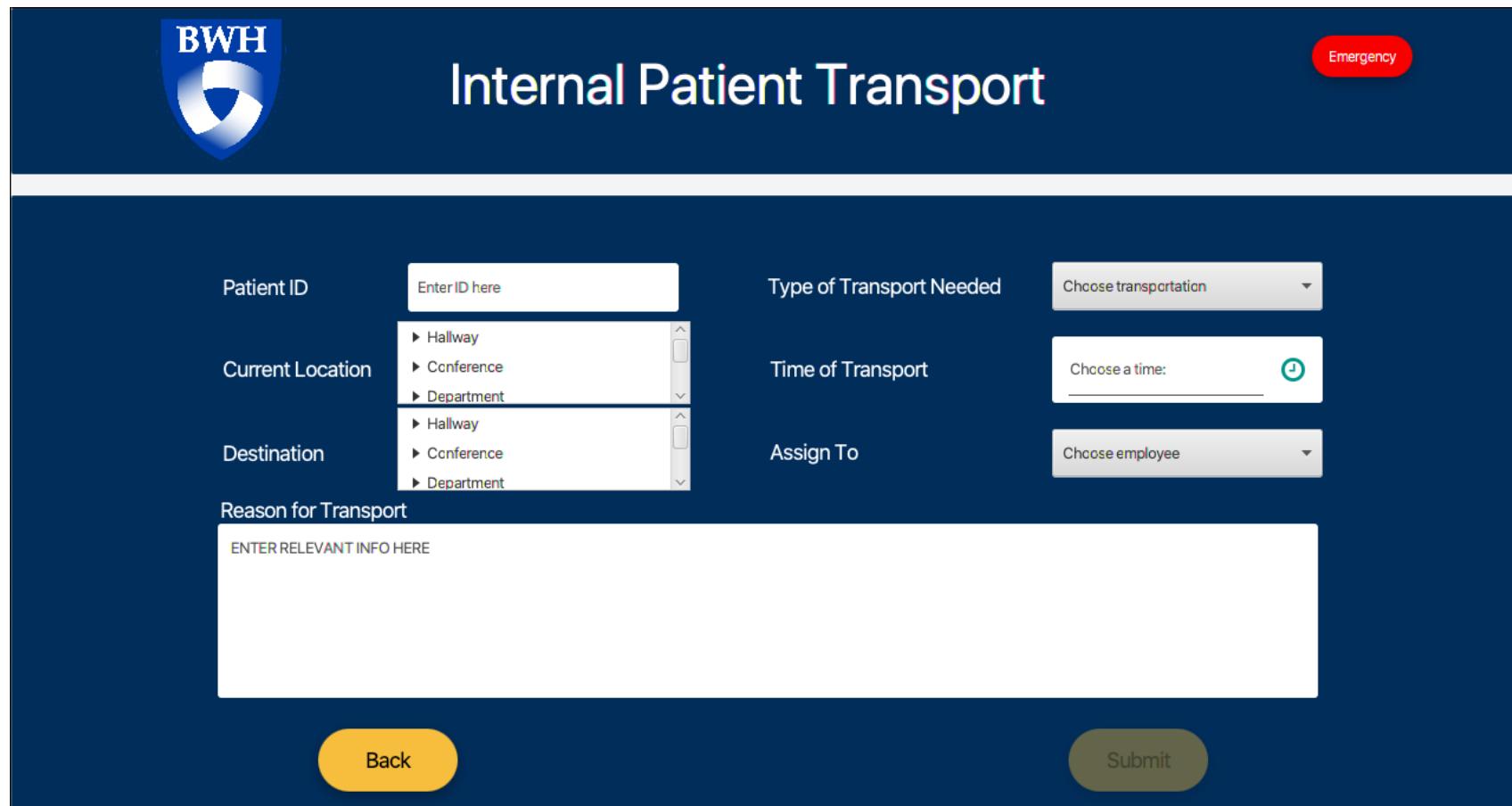
Counseling Type

Other Info

Assign To

This page allows patients, guests, or staff to request counseling of different kinds including mental health counseling, family counseling, and substance abuse counseling. The user will input the patient's name, location, type of counseling, and the hospital staff member in charge of fulfilling the request. There is space for additional information which should be used especially if religious counseling is selected. After all required fields are filled, the submit button will become bright and clickable. Upon submitting, the chosen employee will receive an email detailing the request. The back button brings the user back to the service request menu and the hospital logo will take the user back to the home page.

Internal Patient Transportation Request



The image shows a screenshot of a web-based internal patient transport request form. At the top left is the BWH logo. To its right is the title "Internal Patient Transport". In the top right corner is a red button labeled "Emergency". The main form area has several input fields: "Patient ID" with a placeholder "Enter ID here", "Type of Transport Needed" with a dropdown menu showing "Choose transportation", "Current Location" with a dropdown menu showing "Hallway", "Conference", and "Department" (with "Department" currently selected), "Time of Transport" with a placeholder "Choose a time:" and a clock icon, "Destination" with a dropdown menu showing "Hallway", "Conference", and "Department" (with "Hallway" currently selected), and "Assign To" with a dropdown menu showing "Choose employee". Below these fields is a large text area for "Reason for Transport" with the placeholder "ENTER RELEVANT INFO HERE". At the bottom are two buttons: a yellow "Back" button on the left and a dark green "Submit" button on the right.

Patient ID	Type of Transport Needed
Enter ID here	Choose transportation

Current Location	Time of Transport
Hallway Conference Department	Choose a time:

Destination	Assign To
Hallway Conference Department	Choose employee

Reason for Transport

ENTER RELEVANT INFO HERE

Back

Submit

This page allows hospital staff to request for a patient to be transported between rooms in the hospital. The user will input the patient in need of transport, start and end locations, the time they want the transport to happen, the type of transport needed (wheelchair, stretcher, etc.), reason for transport, and the hospital staff member in charge of fulfilling the request. After all required fields are filled, the submit button will become bright and clickable. Upon submitting, the chosen employee will receive an email detailing the request. The back button brings the user back to the service request menu and the hospital logo will take the user back to the home page.

External Patient Transportation



External Patient Transport

Emergency

Patient Name	<input type="text" value="Enter name here"/>	Transport Type	<input type="button" value="Choose transport type"/>
Location	<input type="button" value="▶ Hallway"/> <input type="button" value="▶ Conference"/> <input type="button" value="▶ Department"/>	Assign to:	<input type="button" value="Choose employee"/>
Address	<input type="text" value="Enter destination address here"/>	Select Time	<input type="button" value="Select Day"/>
Town	<input type="text" value="Enter destination town here"/>	<input type="button" value="Select Time"/>	<input type="button" value="Select Day"/>
State	<input type="text" value="Enter destination state initials here"/>	Reason for Transport	
Zip Code	<input type="text" value="Enter zip code here"/>	<input type="text" value="Enter reason here"/>	

This page allows hospital staff to request for a patient to be transported to the hospital. The user will input the patient in need of transport, location of the patient and where they will be transported to within the hospital, the time and day they want the transport to happen, the type of transport needed (plane, helicopter, ambulance), and the hospital staff member in charge of fulfilling the request. After all required fields are filled, the submit button will become bright and clickable. Upon submitting, the chosen employee will receive an email detailing the request. The back button brings the user back to the service request menu and the hospital logo will take the user back to the home page.

Medicine Delivery Request



Medicine Delivery Request

Emergency

Patient ID	<input type="text" value="Enter ID here"/>	Location	<input type="button" value="▼"/> ▶ Hallway ▶ Conference ▶ Department
Medication	<input type="text" value="Enter medication here"/>	Assign To	<input type="button" value="▼"/> Choose employee
Dosage	<input type="text" value="Enter dosage here"/>	Delivery Date	<input type="button" value="Select date"/> <input type="button" value="▼"/>
Instructions	<input type="text" value="Enter instructions and notes here"/>		
	<input type="button" value="Back"/>	<input type="button" value="Submit"/>	

This page allows hospital staff to request medications to be delivered to any room of the hospital. The user will input the recipient, medication and dosage, location, date and time, any instructions they think are important, and the hospital staff member in charge of fulfilling the request. After all required fields are filled, the submit button will become bright and clickable. Upon submitting, the chosen employee will receive an email detailing the request. The back button brings the user back to the service request menu and the hospital logo will take the user back to the home page.

Facilities Maintenance Request



Maintenance Request

Emergency

Name

Assign To

Location
► Conference
► Department
► Elevator
► Exit
► Information

Request Summary

Back 07:49:41 PM

This page allows hospital staff to request facilities maintenance for an area of the hospital. The user will input their name, the location in need of maintenance, a summary of why the maintenance is needed, and the hospital staff member in charge of fulfilling the request. After all required fields are filled, the submit button will become bright and clickable. Upon submitting, the chosen employee will receive an email detailing the request. The back button brings the user back to the service request menu and the hospital logo will take the user back to the home page.

Sanitation Request



Sanitation Service Request

Emergency

Requested Area

- ▶ Hallway
- ▶ Conference
- ▶ Department
- ▶ Elevator

Assign To

Choose employee ▾

Description of Cleaning Needed

Enter description here

Back

Submit

This form allows users to request sanitation services. It includes fields for selecting the requested area (Hallway, Conference, Department, or Elevator), assigning the task to a specific employee (via a dropdown menu labeled 'Choose employee'), and providing a detailed description of the cleaning needed. The 'Submit' button is currently greyed out, indicating it is not yet active.

This page allows hospital staff to request for sanitation services in any area of the hospital. The user will input the area in need of cleaning, a description of the cleaning, and the hospital staff member in charge of fulfilling the request. After all required fields are filled, the submit button will become bright and clickable. Upon submitting, the chosen employee will receive an email detailing the request. The back button brings the user back to the service request menu and the hospital logo will take the user back to the home page.

Thank You Page

BWH

Form Submitted

Emergency

Log Out

Thank you for submitting your form.
It is now being processed.

10:39:31 PM

This page launches after any service request has been submitted to confirm that to the user that the request was submitted. The user can also log out from this page or go home by clicking on the hospital logo.

Employee Tickets Page

The screenshot shows a web application interface for managing service requests. At the top left is the BWH logo. To the right, the title "Service Requests" is displayed in large white font. On the far right are two buttons: a red rounded rectangle labeled "Emergency" and a yellow rounded rectangle labeled "Log Out". The main content area contains a table with three columns: "Location", "Description", and "Completed?". The table has two rows. The first row, for location GLABS014L2, describes a request for an Italiano interpreter and is marked as "False" in the completed column. The second row, for location GREST00602, describes an order of Burger with Fries and Lemonade and is marked as "True" in the completed column. Below the table are three buttons: "Mark Complete" (yellow), "Mark Incomplete" (yellow), and "Back" (yellow). In the bottom right corner, the time "11:12:59 PM" is displayed.

Location	Description	Completed?
GLABS014L2	Request for a(n) Italiano interpreter with special request: Patient speaking Italian	False
GREST00602	Order of Burger with Fries and Lemonade	True

Mark Complete Mark Incomplete

Back

11:12:59 PM

This page displays all of the service requests assigned to the logged-in employee and allows the employee to mark service requests as complete or incomplete. The user can also go back to the home page or log out from here.

COVID-19 Survey



Pre-Screening COVID Survey

Emergency

COVID Info

Name

Please check all that apply:

I have had a symptomatic COVID-19 test or I have received a positive test result for COVID-19 in the last 14 days.

I am experiencing COVID-19 like symptoms.

I have been in close contact with someone diagnosed with COVID-19 in the last 14 days.

I have been asked to self-isolate or quarantine by a doctor or local public health official in the last 14 days.

I feel good (No COVID/No Symptoms).

I have received the COVID-19 vaccine.

08:05:34 ...

All guests are required to fill out the COVID survey before entering the hospital. This page allows the user to check a box for their COVID symptoms and enter their name. Upon submitting, the hospital staff will be able to clear them for regular entry or tell them to enter through the COVID entrance. There is also a button on the top right for additional COVID information.

COVID-19 Survey Processed Page

The screenshot shows a mobile application interface for a COVID-19 survey submission. At the top left is the BWH logo. In the center, the text "Survey Submitted" is displayed in large white letters. To the right are two buttons: a red one labeled "Emergency" and a yellow one labeled "Log Out". Below the main message, there is a thank you note: "Thank you for submitting your COVID-19 survey. Please wait to enter the hospital until you are approved by a staff member." To the right of this text is a photograph of a hospital waiting room with several chairs and a window showing an exterior view. At the bottom center is a yellow "Back" button, and at the bottom right is the time "10:48:19 PM".

Survey Submitted

Emergency

Log Out

Thank you for submitting your COVID-19 survey. Please wait to enter the hospital until you are approved by a staff member.

Back

10:48:19 PM

This page launches after a COVID survey has been submitted as a confirmation. The user can also log out from this page or go home by clicking on the hospital logo or clicking "Back".

COVID Information



COVID-19 Information

Emergency

Your health and safety is our top priority. The health and safety of our patients, their loved ones and staff remains our top priority as we navigate this new normal. We are steadfast in our commitment to provide the safest possible environment for your health care.

For more vaccine information, visit [our website](#)

For more information on COVID-19, please visit [the CDC website](#)

Back

09:56:29 PM

When the button is clicked, a new page will launch that provides info about COVID-19. Clicking the “our website” hyperlink will launch the user’s default browser and send the user to the Brigham and Women’s Hospital COVID-19 page, and clicking “the CDC website” will take the user to the CDC’s COVID-19 page. Clicking back will take the user back to the COVID-19 survey where they can complete the pre-screening COVID survey.

Patient COVID-19 Surveys

Positive Test/Symptomatic Test

Has COVID Symptoms

Close

I have NOT had a symptomatic COVID-19 test or received a positive test result for COVID-19 in the last 14 days. I am NOT experiencing COVID-19 like symptoms.

I have been in close contact with someone who has tested positive for COVID-19 in the last 14 days.

Mark Safe for Normal Entry

Mark For COVID Entry

Mark Clear To Enter

Mark Unclear to Enter

Back

10:54:32 PM

This page displays all of the COVID surveys assigned to the logged-in employee and allows the employee to decide whether a patient or guest is suspected of having COVID-19, and if so, mark them as using the emergency entrance. Otherwise, they can mark the patient as safe for using the normal entrance. Once a patient has entered, they can also be marked as clear or unclear to enter the hospital. The user can also go back to the home page or log out from here.

Employees Database

The screenshot shows a web-based employee database system. At the top left is the BWH logo. To the right is the title "Employees". On the far right are two buttons: "Emergency" (red) and "Log Out" (yellow). The main content area displays a table of employee data:

Username	Email	Password	First Name	Last Name
ceflanagan	ceflanagan@wpi.edu	password	Carlie	Flanagan
hgsmith	hgsmith@wpi.edu	hgsmith	Hayden	Smith
staff	staff	staff	Staff	Staff
wwong2	wwong2@wpi.edu	wwong2	Wilson	Wong

Below the table are four buttons: "Remove" (yellow), "Add" (yellow), "Edit" (yellow), and "Back" (yellow). In the bottom right corner, the time is displayed as "08:52:31 PM".

This page displays all of the employees and allows administrators to add, remove, and edit employees in the database. The user can also go back to the home page or log out from here.

Creating an Account



Account Creation

Emergency

First Name	<input type="text" value="Enter first name here"/>
Last Name	<input type="text" value="Enter last name here"/>
Email	<input type="text" value="Enter email here"/>
Username	<input type="text" value="Enter username here"/>
Password	<input type="text" value="Enter password here"/>

[Back](#) [Sign Up!](#)

09:01:11 PM

This page is accessed from the startup page. The user can create a guest account with their name and email by entering a username and password. The back button takes the user back to the startup page.

Emergency Page

The screenshot shows a red-themed emergency reporting interface. At the top, a large white text area reads "FILL OUT THE INFORMATION BELOW TO GET HELP AS SOON AS POSSIBLE". Below this, there are two dropdown menus. The first, labeled "Current Location", has options: Conference, Department, Elevator, and Exit. The second, labeled "Emergency Type", has a placeholder "Choose Emergency". At the bottom, there are two large buttons: "CANCEL" on the left and "SUBMIT" on the right. To the right of the "SUBMIT" button is the timestamp "10:27:06 PM".

FILL OUT THE INFORMATION BELOW TO GET HELP AS SOON AS POSSIBLE

Current Location

- ▶ Conference
- ▶ Department
- ▶ Elevator
- ▶ Exit

Emergency Type

Choose Emergency

CANCEL

SUBMIT

10:27:06 PM

This page launches when the emergency button is clicked from any page. Any user can input their current location and the type of emergency and have a request immediately sent to an employee. After submitting, an emergency processed confirmation page will launch.

Emergency Processed Page



CANCEL

OK

10:30:50 PM

This page launches after an emergency request has been submitted to confirm that to the user that the request was submitted. Pressing “OK” or “Cancel” will return the user to their previous page.

An Example of Translation Feature



This shows an example of the application being set to Spanish. As you can see, once the language is set to Spanish in the bottom left corner, all of the texts and buttons are now displayed in Spanish. Spanish is the language that is displayed all throughout the app.

An Example of Employee Email

[EXT] Food Delivery Request

B [brighamandwomenshospital1@gmail.com](#) Tue 5/11/2021 11:10 PM To: Flanagan, Carlie E.

Hello Carlie Flanagan,

You have a new service request!

Customer Name: Hayden Smith
Location: GREST00602
Food: Burger
Side: Fries
Drink: Lemonade
Date: 2021-05-13
Time: 13:10:00
Special Instructions: No ketchup

-Team C

[Thank you!](#) [Got it, thanks!](#) [I accept!](#)

Are the suggestions above helpful? Yes No

[Reply](#) | [Forward](#)

This shows an example of email generated when an employee is assigned to a service request. As you can see, all fields of the request are sent to the employee, so that they can view the request in the employee ticket page.

An Example of Directions Email

[EXT] Your Directions at Brigham And Womens Hospital



brighamandwomenshospital1@gmail.com

Tue 5/11/2021 11:59 PM

To: Kobayashi, Nigel



Please follow these directions from Park c00101 to Park c00101.

Directions:

Floor 1:

- Start at Left Lot 1 1
- Travel 244 ft then turn slightly right.
- Travel 1046 ft then turn left.
- Travel 165 ft then turn right.
- Travel 62 ft then turn slightly right.
- Travel 11 ft then board elevator to Floor 3

Floor 3:

- Travel 508 ft then turn right.
- Travel 38 ft then arrive at Center for Infertility and Reproductive Surgery

Thank you,
Team Chocolate Cthulhu

[Reply](#) | [Forward](#)

This shows an example of the email generated and sent to a recipient from the navigation pages. All directions are listed by floor.