

CareNear Manual

The following document provides user instructions on how to utilize the functionalities of the **CareNear** web application.

Project: Health Disparities App - Dr. Brenda O. Oiyemhonlan

Github: <https://github.gatech.edu/gt-hit-fall2016/Health-Disparities-App/tree/master/Final%20Project>

Team: Team Radio Star

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Health Resource Finder x

https://carenear.azurewebsites.net

CareNear

carenear.azurewebsites.net wants to:

Know your location

Allow Block

Symptoms

Click in the input box below to see a list of symptoms. You can type to filter to the symptoms you are experiencing. Add all symptoms that you are experiencing to the list, and press "Submit" when you are finished.

Enter symptom

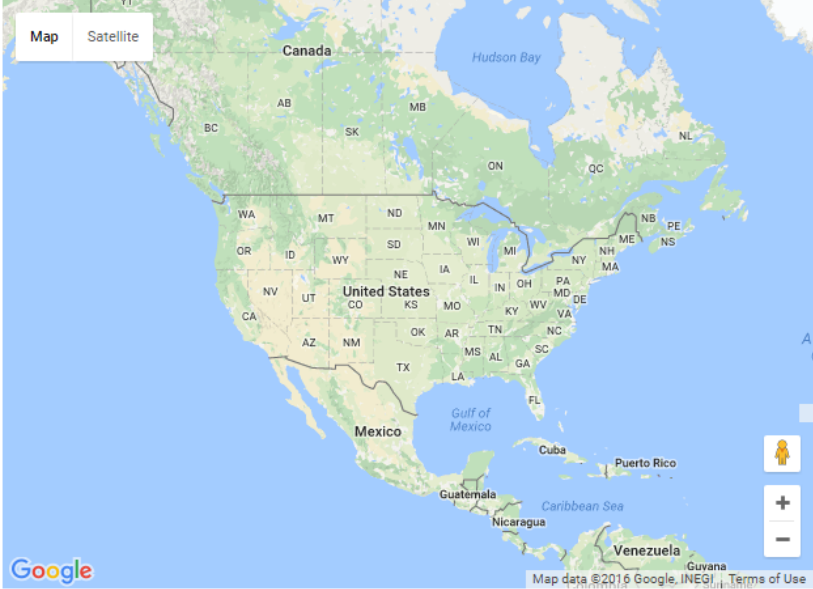
Your symptoms:

Your location is required in order to find providers near you. Please share your location when prompted.

Your location:

Clear Submit

Providers



Map Satellite

Canada

Hudson Bay

United States

Mexico

Gulf of Mexico

Cuba

Puerto Rico

Guatemala

Nicaragua

Caribbean Sea

Venezuela

Guyana

Map data ©2016 Google, INEGI Terms of Use

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EX-01

1. The following details the steps to navigate and operate CareNear's features via a PC browser. CareNear also provides the same functionality via mobile device. Screens detailing the mobile interface can be found at the end of this document.
2. Load CareNear web application by opening a browser window and entering the following URL:
<https://carenear.azurewebsites.net/> (We recommend using Google Chrome for browser)
3. CareNear may request permission to "Know your location", please click 'Allow' in order for the app to effectively find healthcare providers in proximity to user location.
4. EX-01 shows the homepage when CareNear loads with the "Know your location" popup.

Health Resource Finder x

https://carenear.azurewebsites.net

CareNear


Add all symptoms that you are experiencing to the list, and press "Submit" when you are finished.

Enter symptom

- Abdominal Pain
- Acne
- Allergies
- Back Pain
- Blindness
- Blood Pressure Checks
- Blood Sugar Testing
- Blurred Vision
- Broken Bone
- Broken tooth
- Bruising
- Can't Move One Side - Arm and/or Leg
- Can't Pass Urine Normally
- Can't Remember Normally
- Can't Smell things Normally
- Can't Speak Normally
- Can't Stop Sweating
- Can't Swallow Normally
- Can't Taste Properly
- Can't Walk Normally
- Can't Write Normally

you. Please share your location when prompted.

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EX-02

- Once user allows CareNear to access user's location, the address will appear in the "Your location" textbox.
- Click on the "Enter symptom" dropdown box to be provided with a list of symptoms for user to select as shown in EX-02.
- Or the user may begin typing symptom in the "Enter symptom" box, and matching symptoms will appear.

Health Resource Finder
https://carenear.azurewebsites.net

CareNear

Symptoms

Click in the input box below to see a list of symptoms. You can type to filter to the symptoms you are experiencing. Add all symptoms that you are experiencing to the list, and press "Submit" when you are finished.

Your symptoms:

Chills
Dizziness
Fever

Your location is required in order to find providers near you. Please share your location when prompted.

Your location:

Clear
Submit

Providers

Children's Mercy
Phone: (816) 234-3000
Website: <http://www.childrensmercy.org/>
Call to confirm if open
Address: 2401 Gillham Rd, Kansas City, MO 64108, United States
Directions:

Show in map Open in app

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EX-04

- CareNear responds with plotting health providers that are coded to treat the symptoms selected.
- The user is able to select any of the plotted health providers to be provided with additional information regarding the provider.
- EX-04 shows "Children's Mercy" hospital as the user selected provider.
- The provider information window displays contact data and website URL.
- If data is available, CareNear will check if the provider is currently open in relation to current time, otherwise recommends calling the provider.
- The 'Show in map' and 'Open in app' buttons provide interactive directions from the user's location to the provider's address. These features are further explained in the following page.

Health Resource Finder

https://carenear.azurewebsites.net

CareNear

Symptoms

Click in the input box below to see a list of symptoms. You can type to filter to the symptoms you are experiencing. Add all symptoms that you are experiencing to the list, and press "Submit" when you are finished.

Enter symptom

Your symptoms:

Blindness

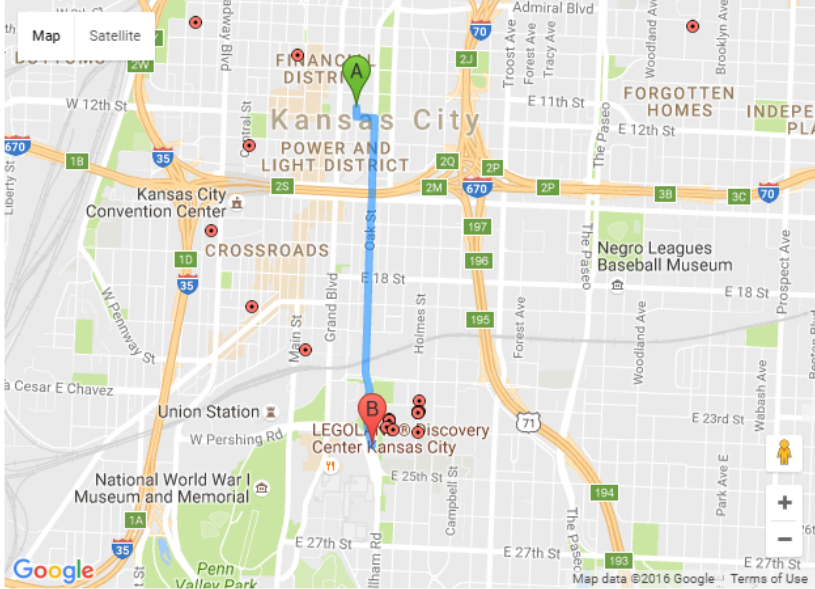
Your location is required in order to find providers near you. Please share your location when prompted.

Your location:

1121 McGee St, Kansas City, MO 64106, USA

ClearSubmit

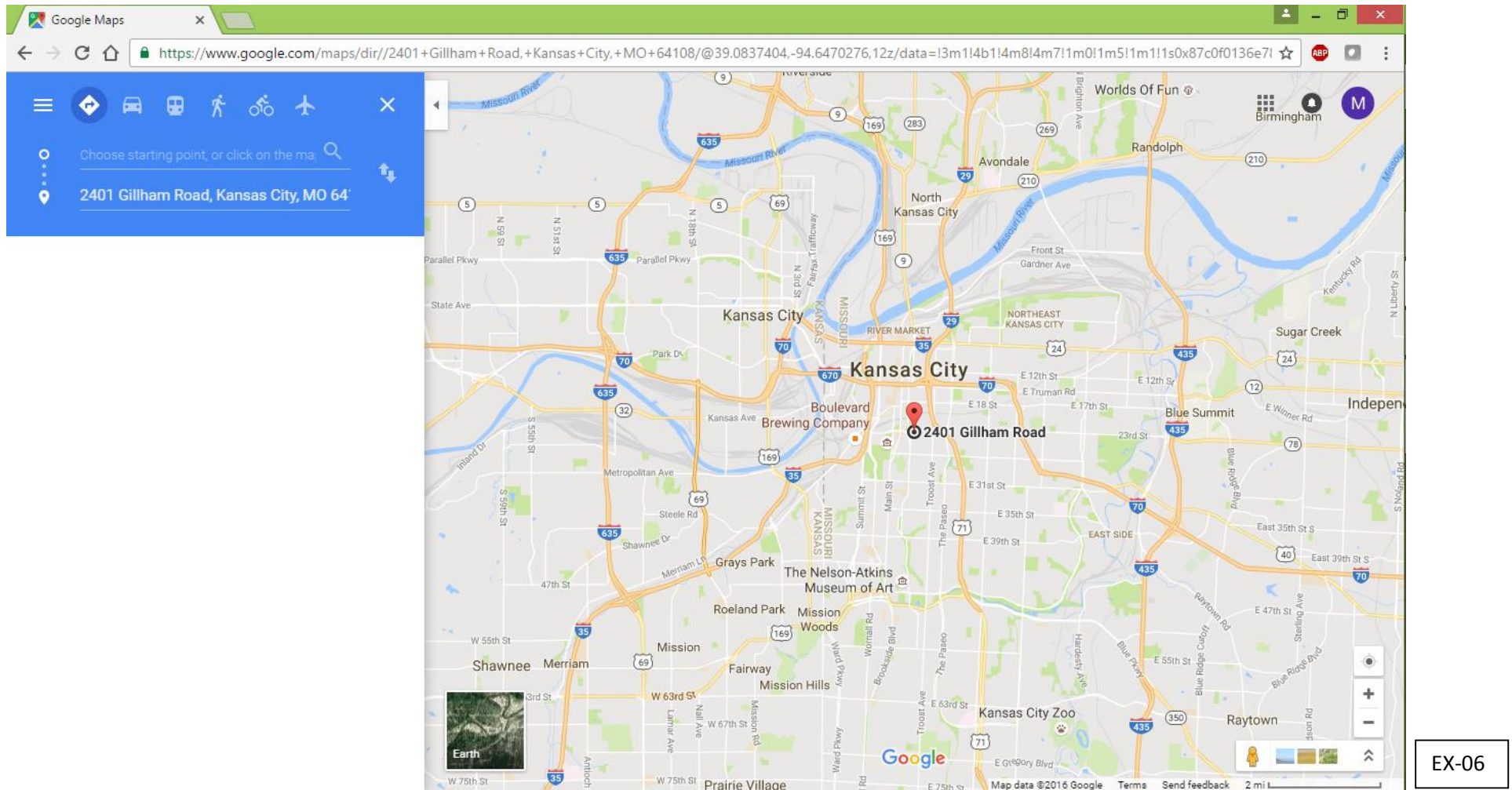
Providers



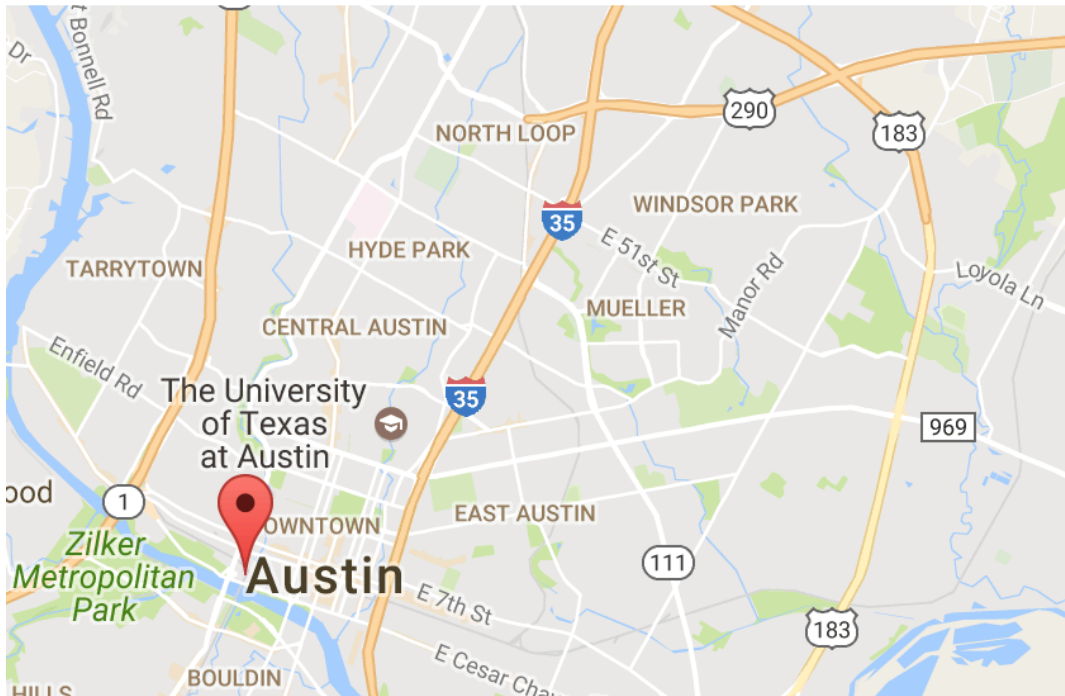
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EX-05

17. Clicking the 'Show in map' button in the provider info window, will display the best route from user's entered location and the provider's address as shown in EX-05.

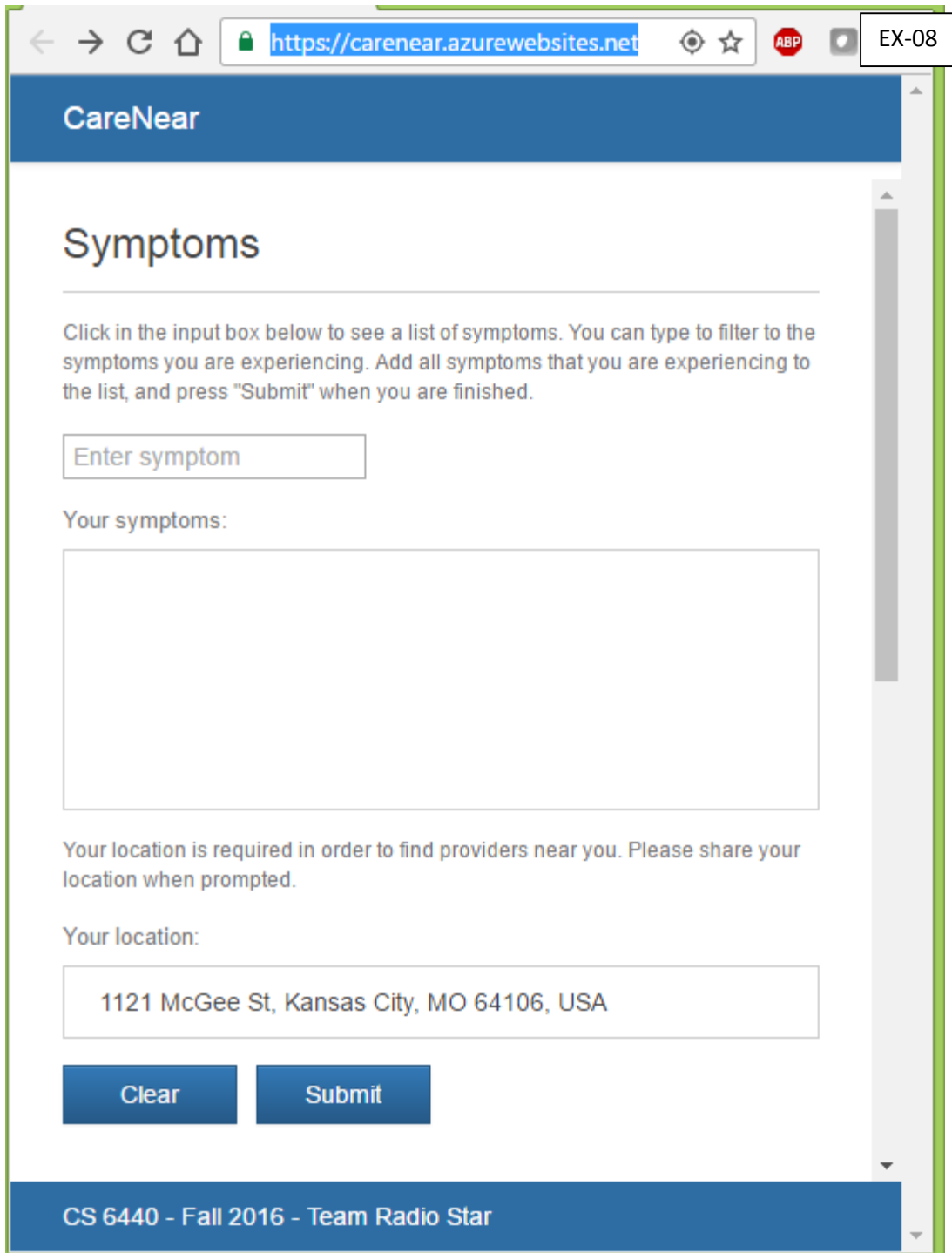


18. Clicking the 'Open in app' button in the provider info window, will redirect the user to the Google Maps application.
19. The providers address is auto-populated in the destination field of the app.
20. The user can take advantage of all the functionality Google Maps provides, including transportation routes and options as shown in EX-06.



EX-07

21. The CareNear homepage provides a link to this same user manual found by clicking “User Manual” as shown in EX-07.
22. The CareNear homepage provides a link to <http://www.fairhealth.org> as shown in EX-07.

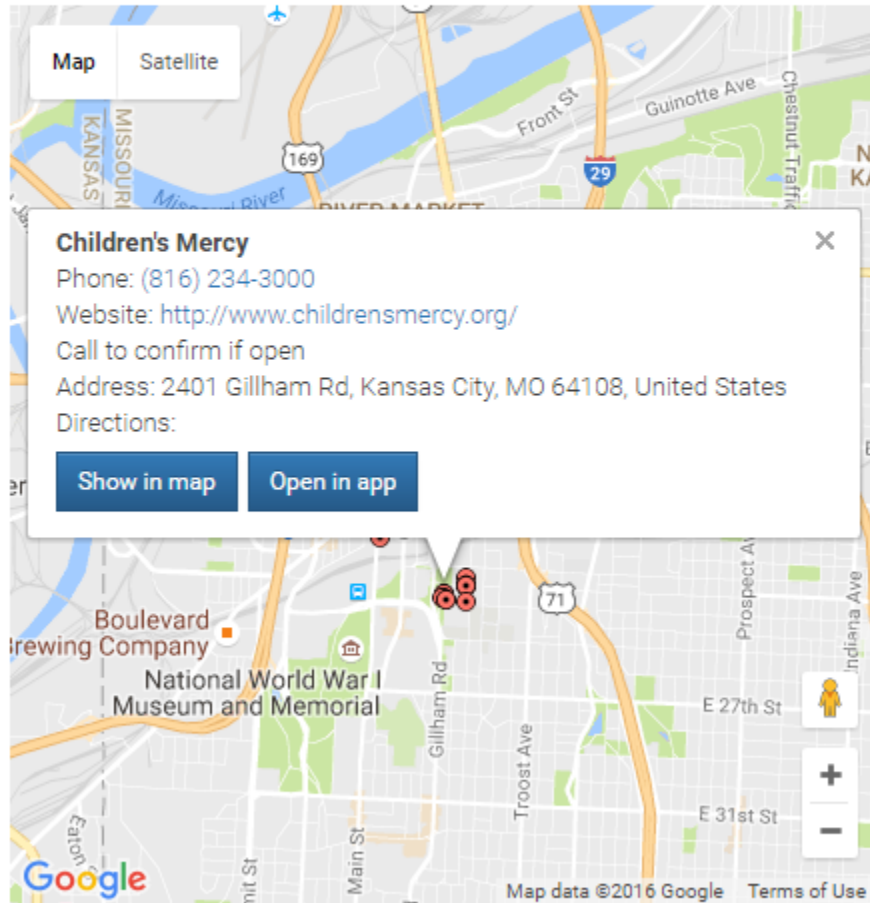


EX-08 shows CareNear's appearance on mobile screen.

The usage steps on options remain the same as previously detailed in this manual.

Viewing the map requires the user to scroll down.

Providers



EX-09 shows the health provider plotted and info displayed on a mobile screen.



Add to contacts

⋮ +1 816-234-3000 ✕

1

∞

2

ABC

3

DEF

4

GHI

5

JKL

6

MNO

7

PQRS

8

TUV

9

WXYZ

*

0

+

#



EX-10 shows the feature available to devices capable of executing phone calls. When user clicks on phone number link in provider info window, CareNear accesses device's dialing resource and automatically loads the provider phone number.

Health Disparities App API

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Maps

Show/Hide | List Operations | Expand Operations

POST /maps/geocode Geocode an address and get the coordinates back.

POST /maps/reverse_geocode Reverse geocode a set of coordinates and get an address response back.

Providers

Show/Hide | List Operations | Expand Operations

POST /providers Get providers for a list of symptoms.

Symptoms

Show/Hide | List Operations | Expand Operations

GET /symptoms Get list of symptoms.

[BASE URL: /api/v1 , API VERSION: 1.0.0]

EX-11

CareNear is powered by the CareNear API. EX-11 shows the definition page found at the following URL:

<https://carenear.azurewebsites.net/api-definition.html>

The API is currently hosted as Microsoft Azure cloud webservice. The service provides data which is core to the functionality found within CareNear web application.