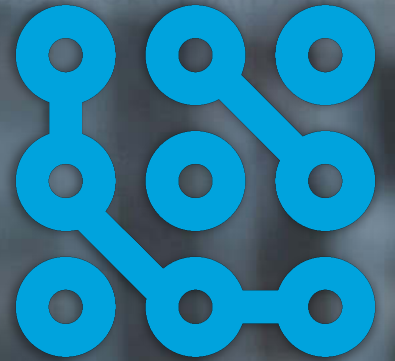




CoronaCare

Manage and Track Patients for COVID-19



Available on the
App Store



Get it on
Google play

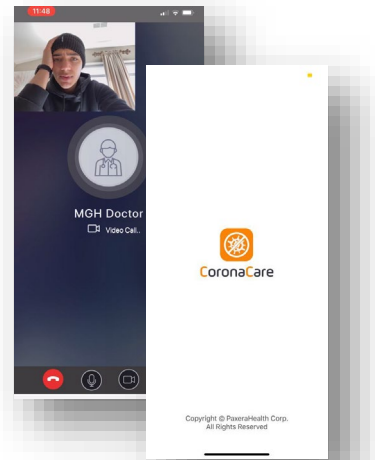


Download from
Windows Phone Store

www.coronacare.io

Architecture

Patients



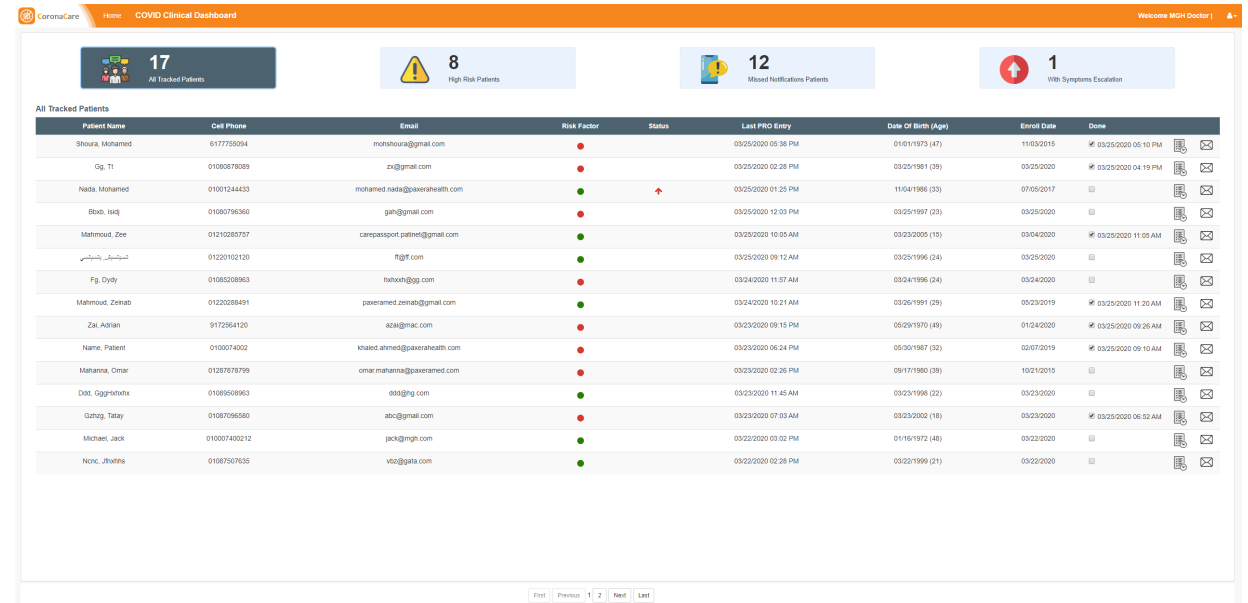
Available on the
App Store

Get it on
Google play



PROMS reporting
Communication via
messaging, call, video

Healthcare Organization



CoronaCare Home COVID Clinical Dashboard Welcome MGH Doctor

17 All Tracked Patients | 8 High Risk Paters | 12 Missed Notifications Patients | 1 With Symptoms Escalation

Patient Name	Cell Phone	Email	Risk Factor	Status	Last PRO Entry	Date of Birth (Age)	Enroll Date	Done
Shoura, Mohamed	617775094	mohshoura@gmail.com	●		03/25/2020 05:38 PM	01/01/1973 (47)	11/03/2015	☑ 03/25/2020 08:10 PM
Gg, Ti	01980678089	zn@gmail.com	●		03/25/2020 02:28 PM	03/25/1981 (39)	03/25/2020	☑ 03/25/2020 04:19 PM
Nada, Mohamed	01001244433	mohamed.nada@paveerhealth.com	●	↑	03/25/2020 01:29 PM	11/04/1986 (33)	07/05/2017	☐
Ebub, Isqj	01980796360	gab@gmail.com	●		03/25/2020 12:03 PM	03/25/1997 (23)	03/25/2020	☑
Mahmoud, Zee	01210280707	carpassport.patient@gmail.com	●		03/25/2020 10:05 AM	03/23/2005 (15)	03/04/2020	☑ 03/25/2020 11:06 AM
تشيونيف بنسونس	01220102120	ti@gmail.com	●		03/25/2020 09:12 AM	03/25/1996 (24)	03/25/2020	☐
Fg, Dydy	01980208963	hahchh@gg.com	●		03/24/2020 11:57 AM	03/24/1996 (24)	03/24/2020	☐
Mahmoud, Zenab	01220288491	paveeramed.zenab@gmail.com	●		03/24/2020 10:21 AM	03/26/1991 (29)	09/23/2019	☑ 03/25/2020 11:20 AM
Zai, Adrian	9172564120	azai@mac.com	●		03/23/2020 09:15 PM	05/29/1970 (49)	01/24/2020	☑ 03/25/2020 09:26 AM
Name, Patient	0100074002	ksaleed.ahmed@paveerhealth.com	●		03/23/2020 06:24 PM	05/30/1987 (32)	02/07/2019	☑ 03/25/2020 08:10 AM
Mahanna, Omar	01287878759	omar.mahanna@paveeramed.com	●		03/23/2020 02:26 PM	09/17/1980 (39)	10/21/2015	☑
Dst, Ggrrshwhx	01980508963	ggg@gg.com	●		03/23/2020 11:45 AM	03/23/2009 (12)	03/23/2020	☐
Gzrag, Talay	01987096580	abc@gmail.com	●		03/23/2020 07:03 AM	03/23/2002 (18)	03/23/2020	☑ 03/25/2020 06:52 AM
Michael, Jack	010007400212	jack@mgd.com	●		03/23/2020 03:02 PM	01/16/1972 (48)	03/23/2020	☑
Noc, _thvthx	01987507035	vto@gata.com	●		03/22/2020 02:28 PM	03/22/1999 (21)	03/22/2020	☐

First Previous 1 2 Next Last

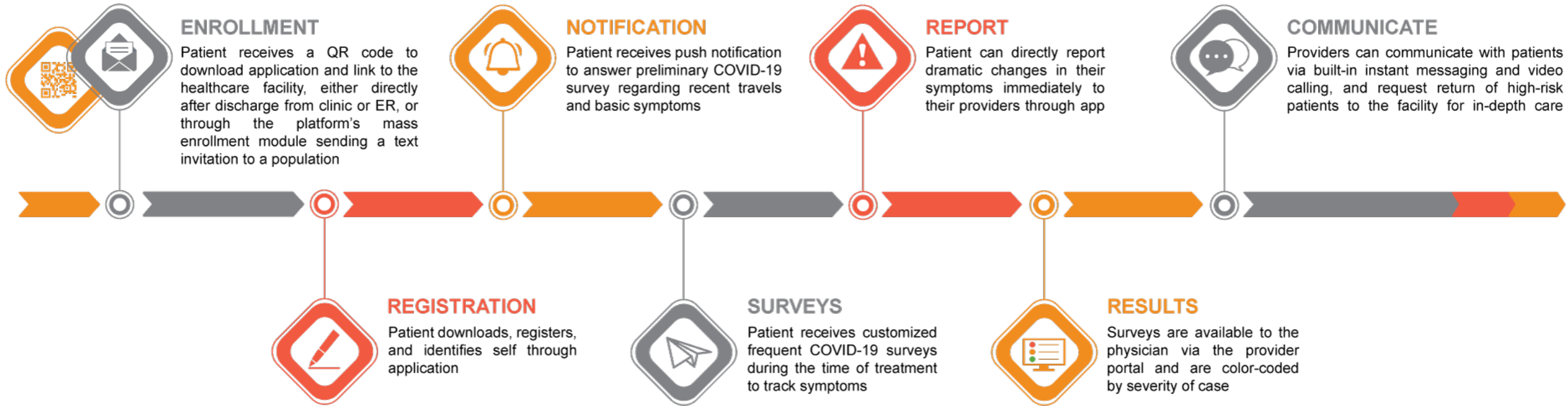
Command Center Tracker
Designed for Call Centers

Application Features: Mobile App



- Enable patients at home or work to report symptoms back to a healthcare organization's call center via mobile app (iOS and Android).
- Enables patients to register: (1) through a facility-specific QR code, or (2) via an enrollment module using text message/email invite for large scale enrollment.
- One time onboarding process to capture demographics and risk factors.
- Targeted automated reminders (Text, push notifications or emails) for patients to report symptoms.
- Patient to provider communication through instant messages and video chat directly through the app.
- A module available to add tailored education materials as part of the app.
- Patients can retrieve their medical data from their EMRs via the FHIR protocol (currently connected to 2,800+ US health systems) or input their own "patient generated data" to give providers a full scope of their previous and current health data.

CoronaCare Timeline



Application Features: Provider Portal



Call Center Command Center:

- Command center tracker with numerous filters including ones that identify: Patients with symptom escalation, Patients who failed to report symptoms, High-risk patients, and Patients who recently sent messages
- Functionalities to optimize concerted coordination across multiple callers stationed at the call center including:
 - (1) Patient record locking functionality to ensure that only one caller is working on one patient at a time
 - (2) Patient detailed pages that includes historical data reports along with note taking
- Geo-location maps for high risk and quarantined patients using location services
- Color-coded severity chart presented in the provider Command Center based on an AI algorithm
- An AI-enabled chatbot to help answer frequent questions or redirect to the facilities live person chat
- Track patient location upon filling the questionnaire

Administrative Tools:

- Users and roles management tools
- Tools to manage survey questions



CoronaCare



Administrative Portal (Command Center)

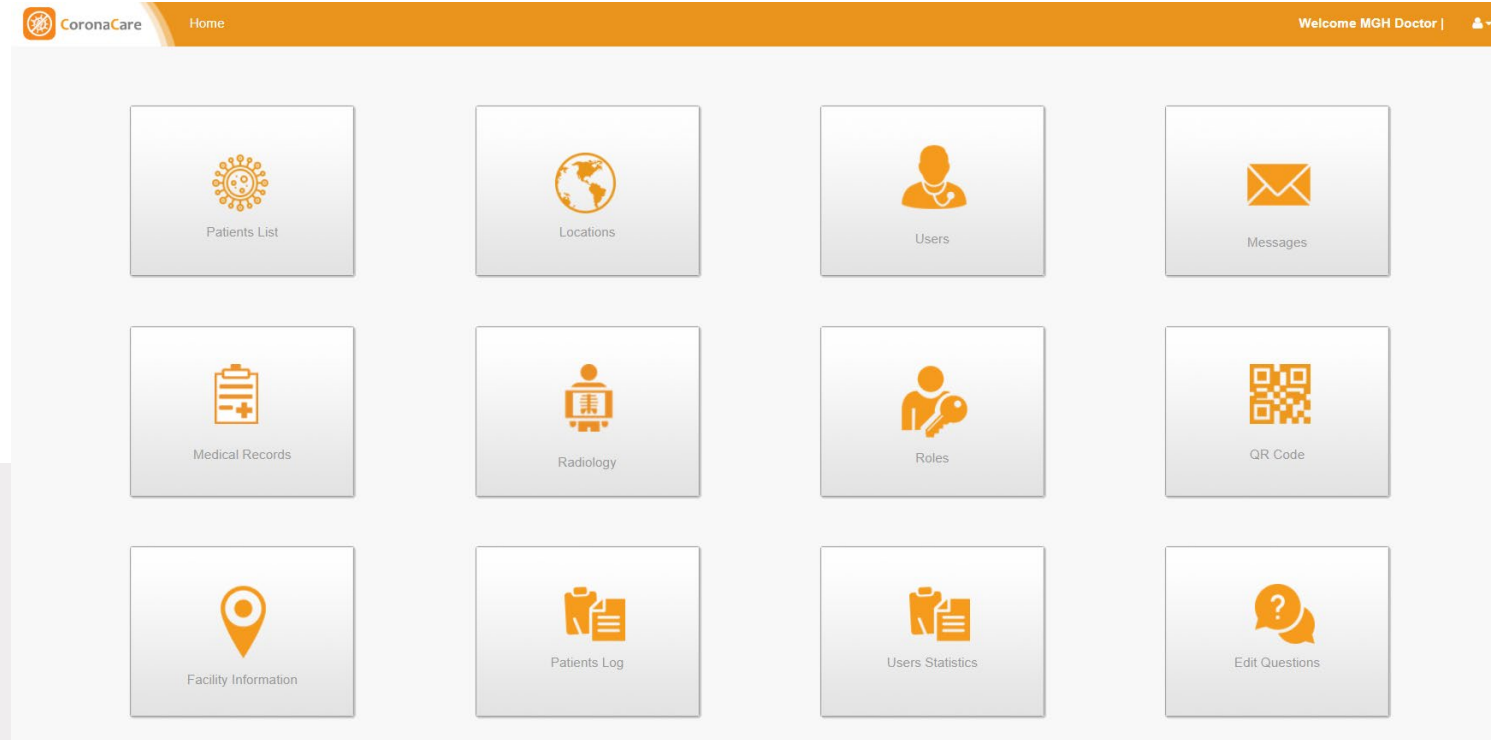
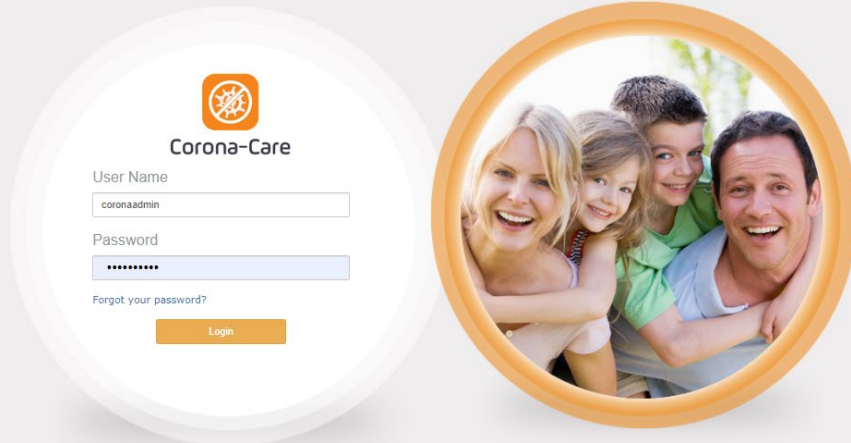


For the Facility

Administrative Portal

Key features:

- Tools to register new callers
- Manage and edit app questionnaires
- Tools for bulk email to get patients to sign up
- Location mapping for patients and population



Command Center



17
All Tracked Patients

8
High Risk Patients

12
Missed Notifications Patients

1
With Symptoms Escalation

All Tracked Patients

Patient Name	Cell Phone	Email	Risk Factor	Status	Last PRO Entry	Date Of Birth (Age)	Enroll Date	Done		
Sh...	914	om	●		03/25/2020 05:38 PM	01/01/1973 (47)	11/03/2015	<input checked="" type="checkbox"/> 03/25/2020 05:10 PM		
	089		●		03/25/2020 02:28 PM	03/25/1981 (39)	03/25/2020	<input checked="" type="checkbox"/> 03/25/2020 04:19 PM		
N...	433	mot	●	↑	03/25/2020 01:25 PM	11/04/1986 (33)	07/05/2017	<input type="checkbox"/>		
	360		●		03/25/2020 12:03 PM	03/25/1997 (23)	03/25/2020	<input type="checkbox"/>		
M...	757	ca	●		03/25/2020 10:05 AM	03/23/2005 (15)	03/04/2020	<input checked="" type="checkbox"/> 03/25/2020 11:05 AM		
	120		●		03/25/2020 09:12 AM	03/25/1996 (24)	03/25/2020	<input type="checkbox"/>		
	963		●		03/24/2020 11:57 AM	03/24/1996 (24)	03/24/2020	<input type="checkbox"/>		
Ma...	491	p	●		03/24/2020 10:21 AM	03/26/1991 (29)	05/23/2019	<input checked="" type="checkbox"/> 03/25/2020 11:20 AM		
	120		●		03/23/2020 09:15 PM	05/29/1970 (49)	01/24/2020	<input checked="" type="checkbox"/> 03/25/2020 09:26 AM		
N...	102	kh	●		03/23/2020 06:24 PM	05/00/1987 (32)	02/07/2019	<input checked="" type="checkbox"/> 03/25/2020 09:10 AM		
M...	799	on	●		03/23/2020 02:26 PM	09/17/1980 (39)	10/21/2015	<input type="checkbox"/>		
Do...	963		●		03/23/2020 11:45 AM	03/23/1998 (22)	03/23/2020	<input type="checkbox"/>		
C...	580		●		03/23/2020 07:03 AM	03/23/2002 (18)	03/23/2020	<input checked="" type="checkbox"/> 03/25/2020 06:52 AM		
I...	1212		●		03/22/2020 03:02 PM	01/16/1972 (48)	03/22/2020	<input type="checkbox"/>		
N...	635		●		03/22/2020 02:28 PM	03/22/1999 (21)	03/22/2020	<input type="checkbox"/>		

Key features:

- Filters
- Record locking to ensure only 1 caller is working with 1 patient at a time
- Messaging

Command Center: Patient Detailed Page



CoronaCare Home COVID Clinical Dashboard Welcome MGH Doctor

Answered Questionnaire

Ma [redacted] Date of Birth: 09/17/1980 Enrollment Date: October 21, 2015 6:57 AM Email: om [redacted]@ed.com Mobile Ph: [redacted] Last Entry: March 20, 2020 10:22 AM

Risk factors

- Currently, homeless or staying at... March 24, 2020 2:06 PM
- Severe heart disease March 24, 2020 2:06 PM
- CD4 count < 200 March 24, 2020 2:06 PM
- On Dialysis March 24, 2020 2:06 PM
- On Immunosuppression medications March 24, 2020 2:06 PM

3 Days 7 Days 14 Days

Track patient symptoms

Cough

Shortness of breath

Sore throats

Muscle aches

Feeling feverish

Mon 23 Mar 12AM Mon 23 Mar 12PM Tue 24 Mar 12AM Tue 24 Mar 12PM Wed 25 Mar 12AM Wed 25 Mar 12PM

Oxygen saturation (%)

Sun 22 Mar 12PM Mon 23 Mar 12AM Mon 23 Mar 12PM Tue 24 Mar 12AM Tue 24 Mar 12PM Wed 25 Mar 12AM

temperature (°F)

Normal High Risk

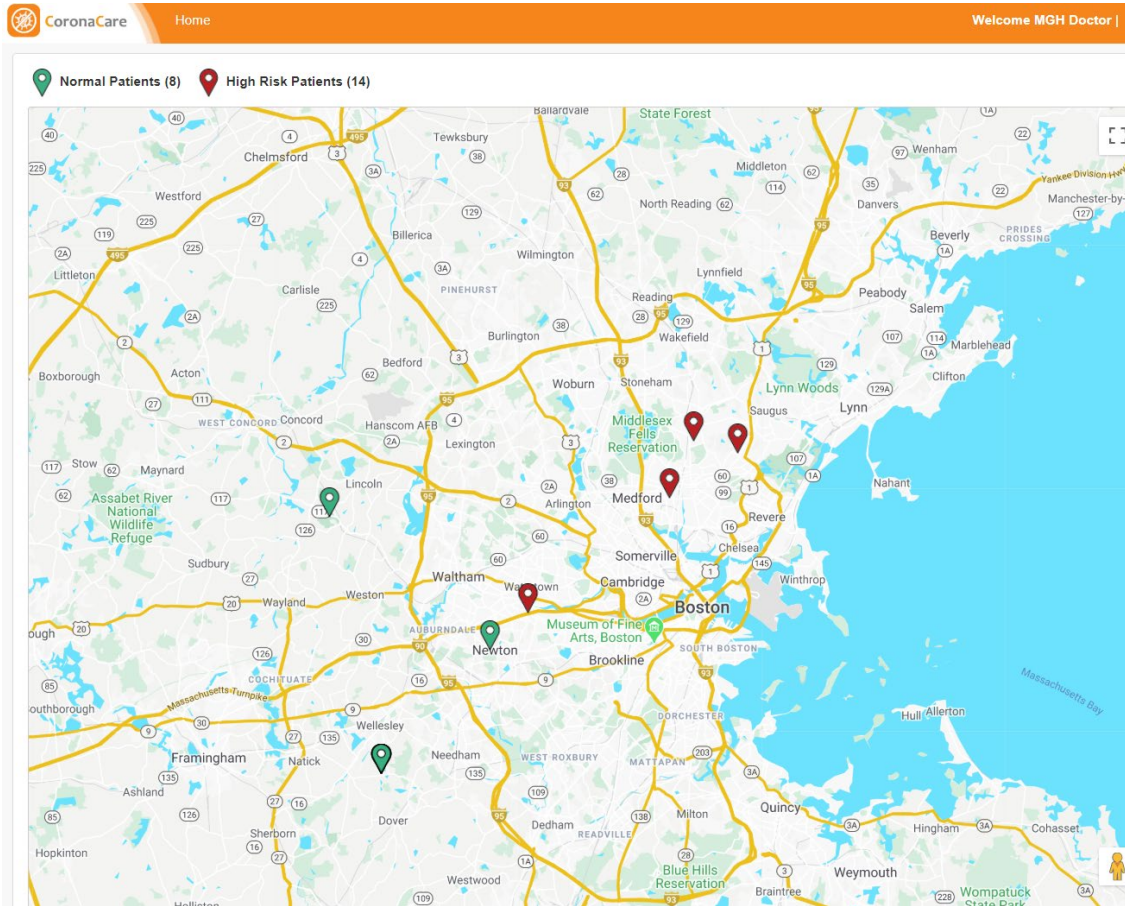
Westwood-Mansfield (C) 2020 Associates of...

Map data ©2020 Terms of Use Report a map error

Close

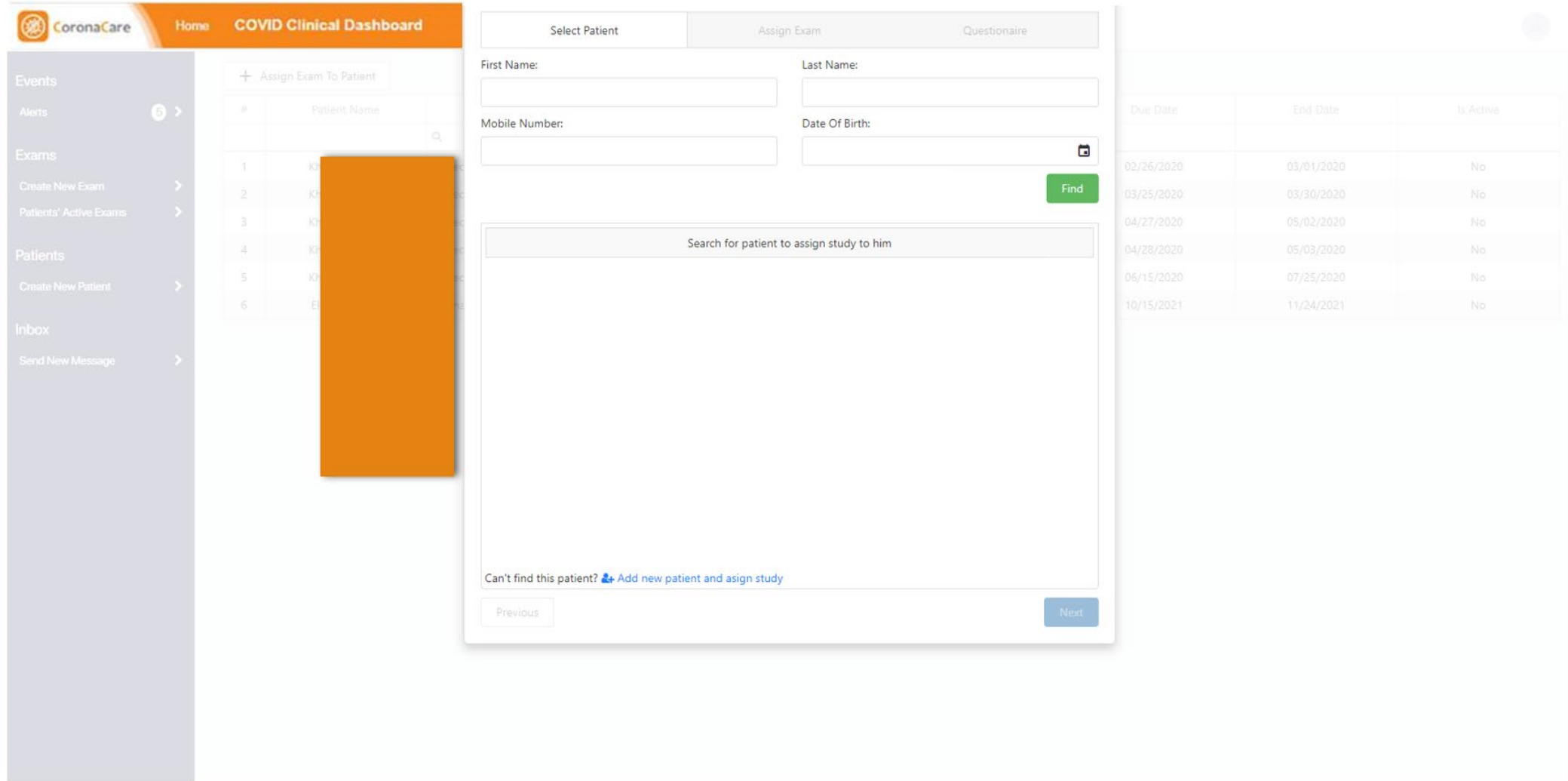
- Notes capability
- Risk factor identification
- Symptoms tracking
- Patient location tracking within the isolation zone (if any)

Population COVID-19 Maps



- Maps high risk and low risk patients
- Identifying patients outside their isolations area

Patient Registration



The screenshot displays the CoronaCare COVID Clinical Dashboard. The interface is divided into several sections:

- Navigation Menu (Left):** Includes Events, Alerts (5), Exams (Create New Exam, Patients' Active Exams), Patients (Create New Patient), and Inbox (Send New Message).
- Dashboard Header:** Shows the CoronaCare logo, 'Home', and 'COVID Clinical Dashboard'.
- Assign Exam Section:** Features a '+ Assign Exam To Patient' button and a table with columns for '#', 'Patient Name', and a search icon.
- Select Patient Form:** Contains input fields for First Name, Last Name, Mobile Number, and Date Of Birth, along with a 'Find' button.
- Search Results:** A message 'Search for patient to assign study to him' is displayed in a box.
- Footer:** Includes a link 'Can't find this patient? Add new patient and assign study' and 'Previous'/'Next' navigation buttons.
- Table (Right):** A table with columns 'Due Date', 'End Date', and 'Is Active' containing several rows of data.

Due Date	End Date	Is Active
02/26/2020	03/01/2020	No
03/25/2020	03/30/2020	No
04/27/2020	05/02/2020	No
04/28/2020	05/03/2020	No
06/15/2020	07/25/2020	No
10/15/2021	11/24/2021	No

Search Result – Registration



CoronaCare Home COVID Clinical Dashboard

Events Alerts Exams Patients Inbox

Assign Exam To Patient

#	Patient Name
1	Khi
2	Khi
3	Khi
4	Khi
5	Khi
6	Eir

Select Patient Assign Exam Questionnaire

First Name: [Redacted] Last Name: mo

Mobile Number: [Redacted] Date Of Birth: [Calendar Icon]

Find

Please Choose Patient To Assign Exam:

- [Profile Icon] [Redacted] Birth date : 02/10/1998 Mobile Number : 201024058625 Email : true Select
- [Profile Icon] [Redacted] Birth date : 05/18/1993 Mobile Number : 201024058620 Email : true Select

Can't find this patient? Add new patient and assign study

Previous Next

Due Date	End Date	Is Active
02/26/2020	03/01/2020	No
03/25/2020	03/30/2020	No
04/27/2020	05/02/2020	No
04/28/2020	05/03/2020	No
06/15/2020	07/25/2020	No
10/15/2021	11/24/2021	No

Patient Enrollment and Bulk Messaging



Scan your facility QR code to start using the app

SCAN NOW

Cancel

CoronaCare Home Messages

Announcements (Bulk Messages)

Facilities: Partners Healthcare (EST UTC -9) | Country: United States | City: Boston

Zip Code: | Gender: All | Age: 45 | 65

	First Name	Last Name	Cell Phone	Birth Date
<input type="checkbox"/>			18572775848	01/01/1990
<input type="checkbox"/>			17144019650	12/19/1940
<input type="checkbox"/>			16178701249	10/01/1982
<input type="checkbox"/>			201287878799	09/17/1980
<input type="checkbox"/>			201220288491	03/26/1991

Message:

Hint: This message will be sent to all selected patients. Kindly be patient since this process may take a long time.

Assigning Questionnaires

CoronaCare Home COVID Clinical Dashboard

Select Patient Assign Exam Questionnaire

You Can Click On Each Day To Assign Questionnaire

11/15/2014 11/15/2014 11/15/2014 11/15/2014 11/15/2014 11/15/2014

Previous Finish

Due Date	End Date	Is Active
02/26/2020	03/01/2020	No
03/25/2020	03/30/2020	No
04/27/2020	05/02/2020	No
04/28/2020	05/03/2020	No
06/15/2020	07/25/2020	No
10/15/2021	11/24/2021	No

Edit Question

Question

Which, if any of the following chronic conditions and

Type

MCQ (Multiple choice question) Asked once Required

High Risk

Option + Add

- Severe chronic lung disease Default ✖ Remove
- Severe heart disease Default ✖ Remove
- CD4 count < 200 Default ✖ Remove
- On Dialysis Default ✖ Remove
- On Immunosuppression medications Default ✖ Remove

Save changes Close

COVID19 Questions Symptoms Add

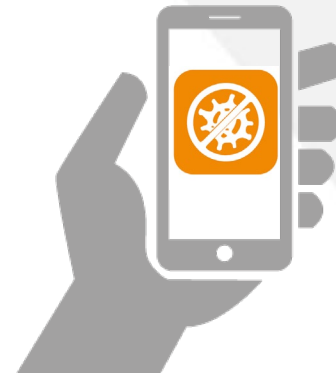
Question	Question Type	Choices	Default Choice	Once	Required	Risky	Edit	Delete
Are you currently pregnant ?	OCQ (One choice question)	Yes,No,Not applied	Not applied	No	Yes	No	Edit	Delete
Have you had contact with anyone with confirmed COVID-19 in the last 14 days?	OCQ (One choice question)	Yes,No,I'm not sure	I'm not sure	No	Yes	No	Edit	Delete
In the past 14 days, have you traveled to any of the following areas?	MCQ (Multiple choice question)	China,Iran,Europe,South Korea		No	No	No	Edit	Delete
Please enter your O2 sat number if you were given a Pulse Oximeter:	Fill in			No	No	No	Edit	Delete
Please enter your temperature (°F) if you have a thermometer:	Fill in			No	No	No	Edit	Delete
Which of the following living conditions apply to you?	OCQ (One choice question)	Living in a long-term care faci...	None of the above	Yes	Yes	Yes	Edit	Delete
Which, if any of the following chronic conditions and treatments do you have or use on an ongoing basis:	MCQ (Multiple choice question)	Severe chronic lung disease,...		Yes	No	Yes	Edit	Delete



CoronaCare

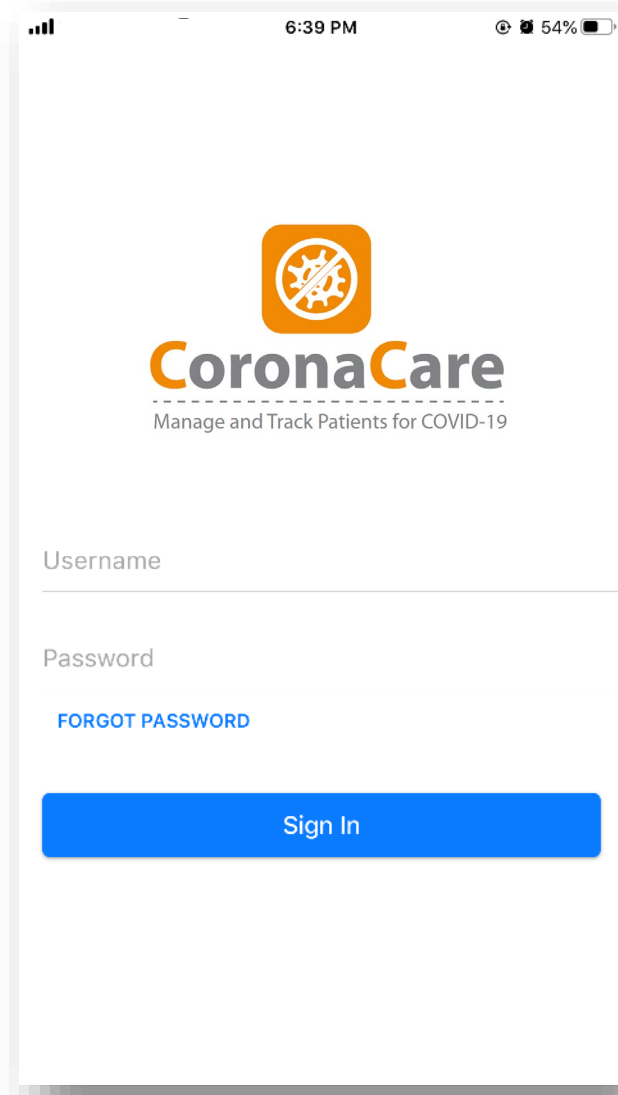
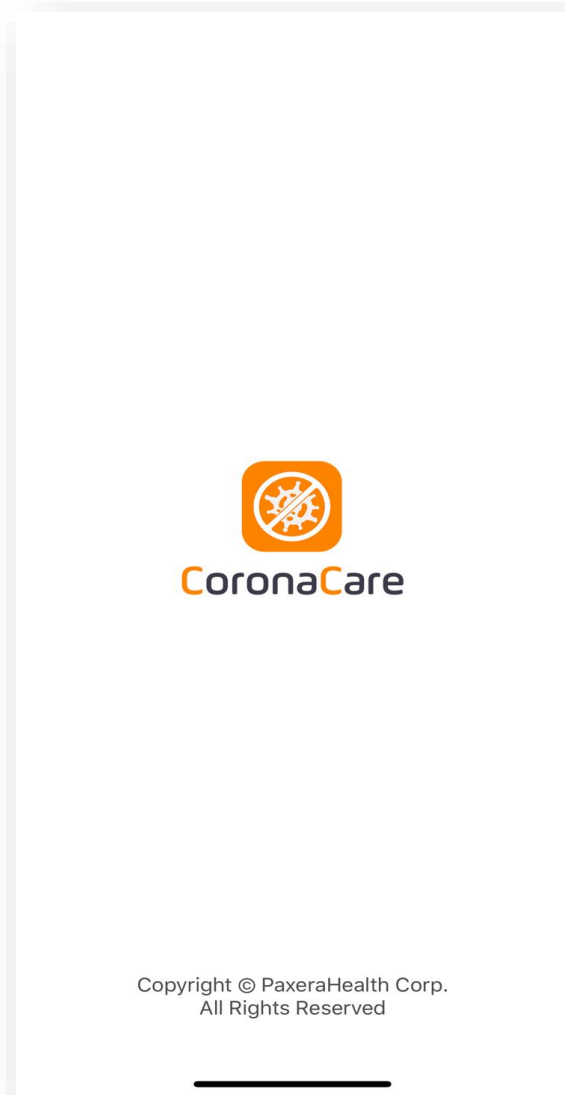


Mobile Application



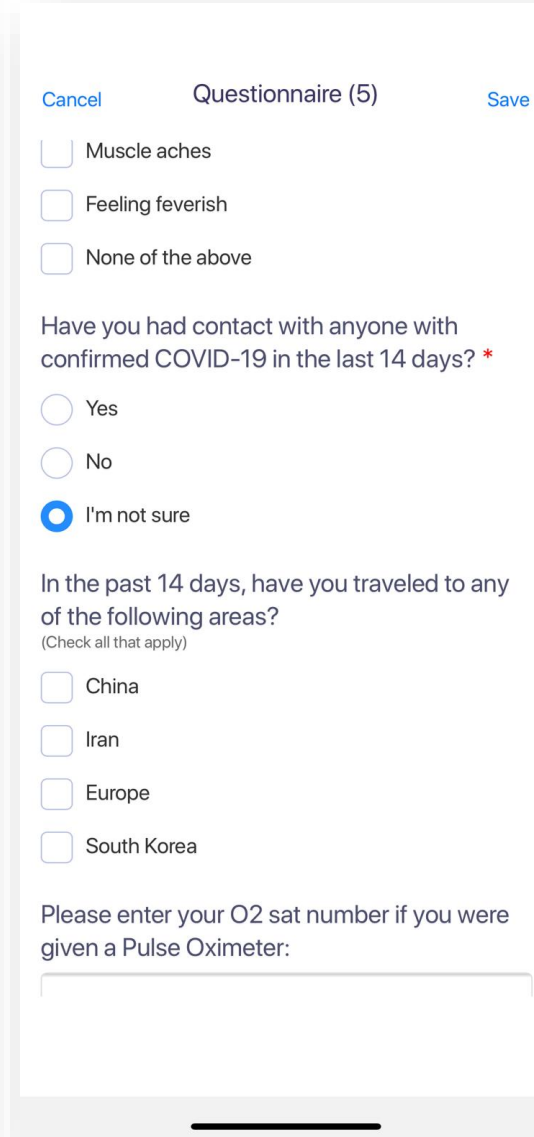
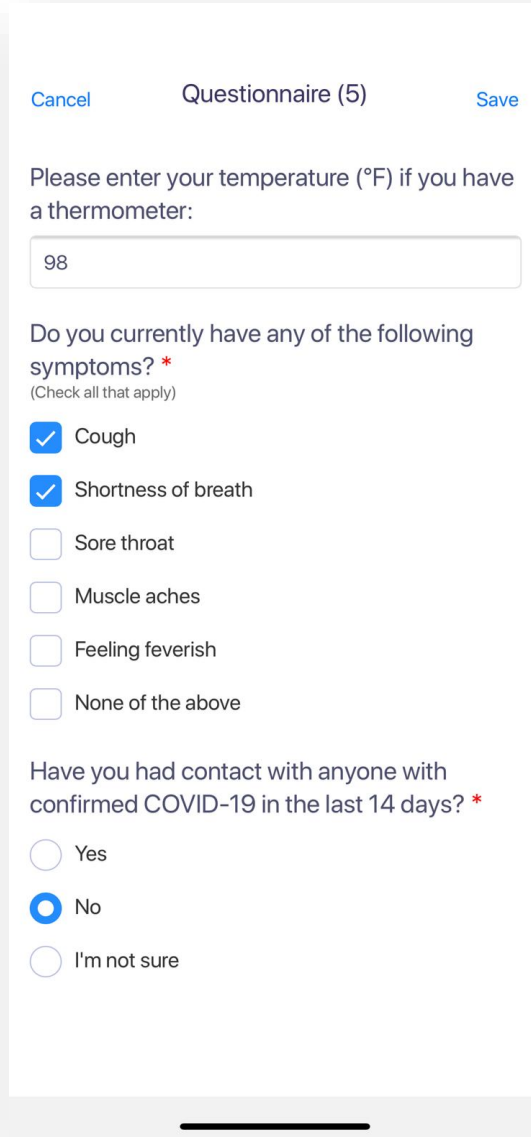
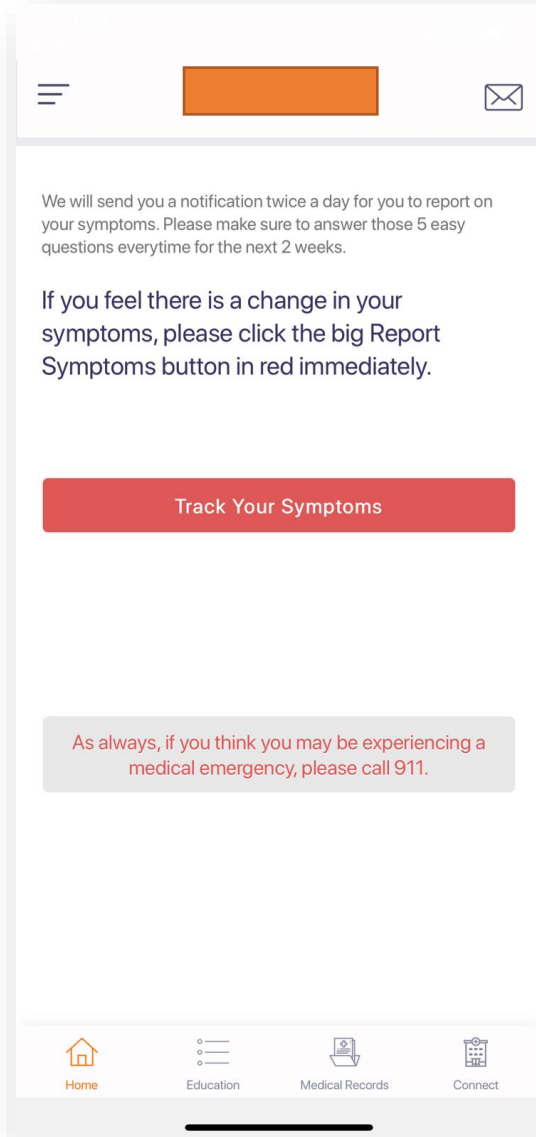
For the Patient

Login

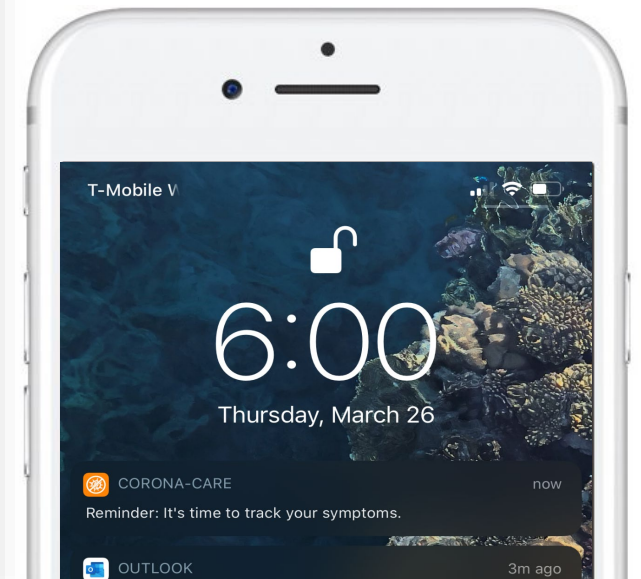


Sign-on to the app is
Touch ID enabled

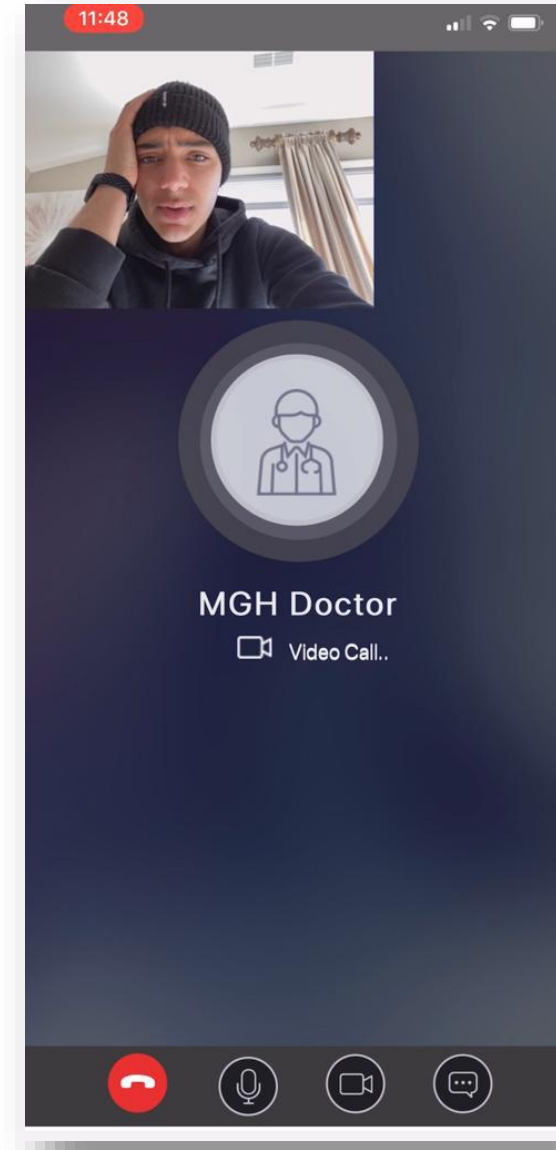
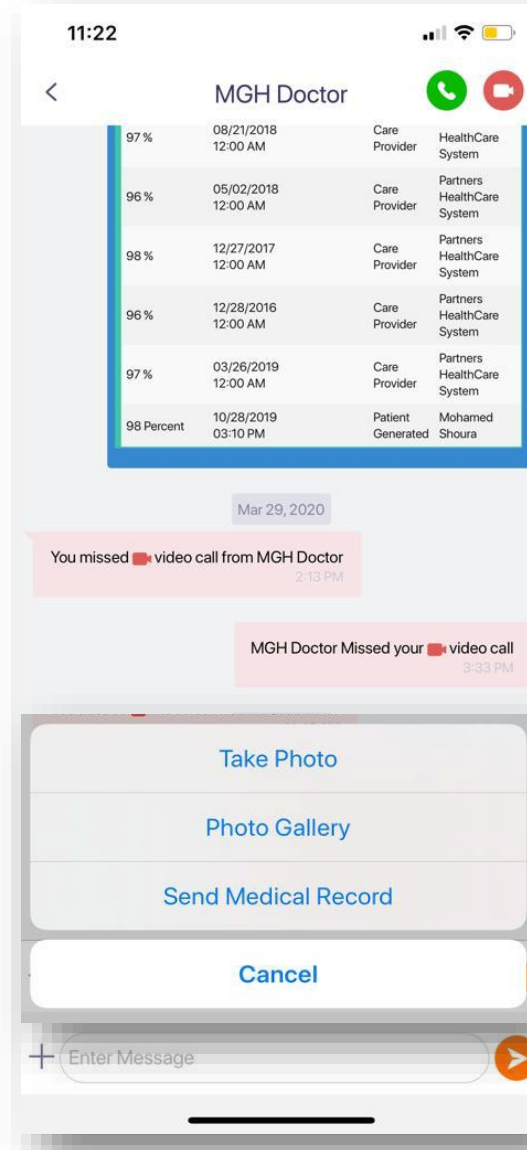
COVID-19 Survey



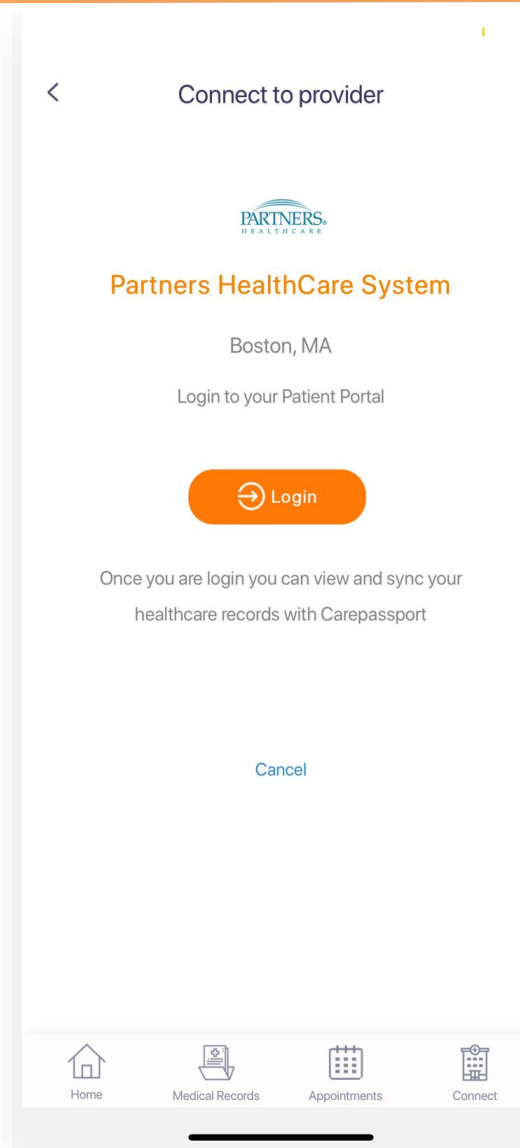
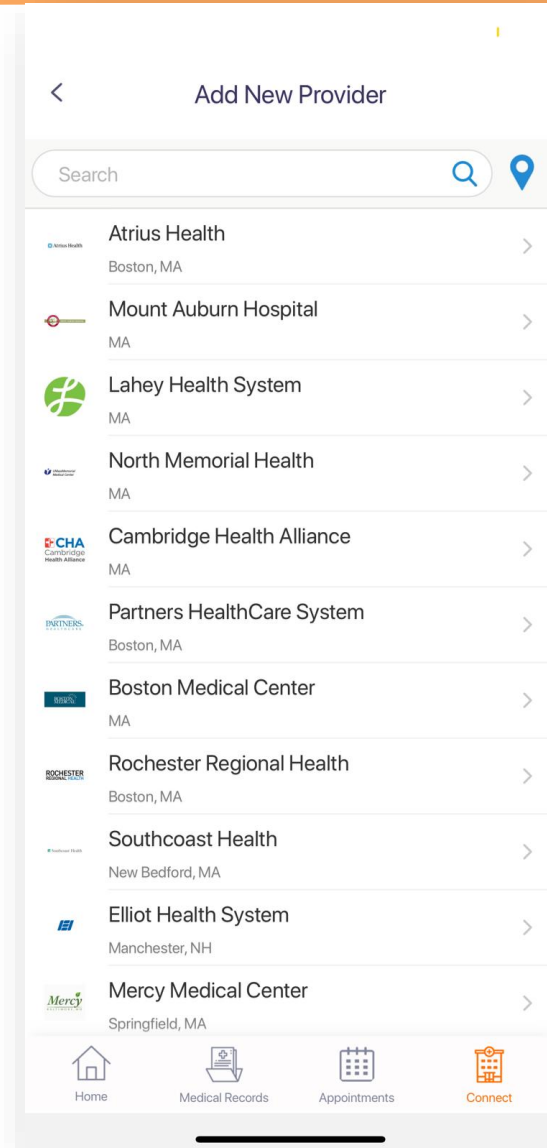
Questions and notifications can easily be edited in Administrative Tools



Messaging / Video Calling

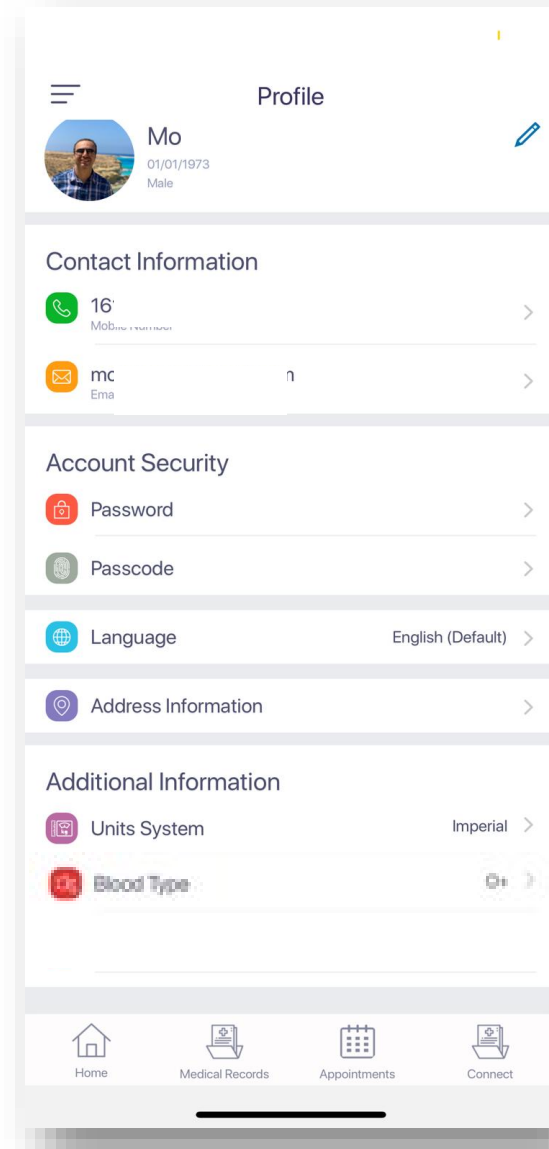


Connecting to Healthcare Data via FHIR




Connected to more than 2800 Health system from EPIC, Cerner, Athena, etc. via FHIR end points



Patient Profile and Dashboard





Profile

 **Mo**
01/01/1973
Male

Contact Information

-  16'
Mobile
-  mc
Email



Account Security

-  Password
-  Passcode

Language English (Default)

Address Information

Additional Information

-  Units System Imperial
-  Blood Type

Home Medical Records Appointments Connect



Dashboard

 Add Appointment

 Add Vitals

 Family Members

Last Results [See All](#)

-  **88 bpm**
Heart Rate
-  **127/73 mm[Hg]**
Blood Pressure
-  **98 Percent**
Oxygen Saturation

Average 79 bpm

Highs 975

Normal 2084

Lows 1420

Blood Pressure 127/73 mmHg

BMI 30.11 kg/m2

Radiology [See All](#)

-  **CT\DOC**
[CT]
Sep 30, 2019
-  **MR**
MRI Lumbar Spine wit...
Feb 10, 2020

Lab Results [See All](#)

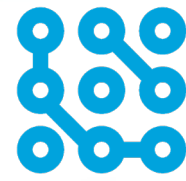
- Ketones [Mass/volume] in Urine by Test strip** **Negative**
Fri, Nov 1, 2019 12:00 AM
- Hemoglobin [Presence] in Urine by Test strip** **Negative**
Fri, Nov 1, 2019 12:00 AM

Medications [See All](#)

- ergocalciferol 50,000 unit capsule**
Quantity: Start:21-08-2019 End:
- ciprofloxacin HCl 500 MG tablet**
Quantity: 500 mg Start:22-05-2019 End:

Home Medical Records Appointments Connect

Questions?



Contact us to learn more about what Savvy Tech Solutions can do for you:



Savvy Tech-Solutions, Villa 126, El Banafseg 1,
First Settlement, New Cairo,
Cairo Governorate 11865, Egypt



<https://savvy-techsolutions.com>



[linkedin.com/company/
savvytechnologiesolutions/](https://linkedin.com/company/savvytechnologiesolutions/)



info@savvy-techsolutions.com



twitter.com/SavvyTecSol



facebook.com/SavvyTechnologySolutions