

Harris Healthcare Workload Application User Support

COSC 471
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Version 1.9

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April 2020

Revision History

Revision	Date	Brief Summary of Changes	Author
Version 1.4	January 8th, 2020	Update formatting to match other documents	N. Murray
Version 1.5	February 11th, 2020	Updated release notes and added revision history	D. Logan
Version 1.6	February 25th, 2020	Updated release notes	D. Logan
Version 1.7	March 10th, 2020	Updated release notes and changed release version	D. Logan
Version 1.8	March 25th, 2020	Updated release notes	D. Logan
Version 1.9	April 7th, 2020	Updated release notes, added chat bot guide and updated screenshots	D. Logan

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1 Introduction

This document will outline the steps a user will take while using the application, from account creation to user interface navigation and form building.

2 User's Guide

2.1 Navigation Icons






Icon	Function
	Logout of application
	Home/Appointments page
	Create a new appointment
	Manage forms
	Manage form fields

Table 1: Table of application icons

2.2 User Account Creation

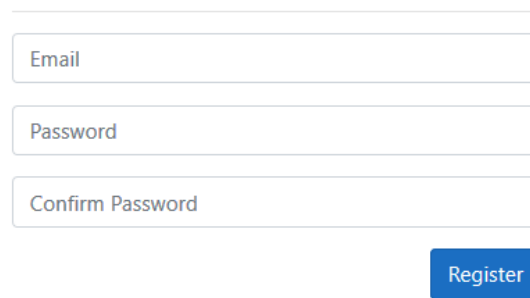
1. Under the Harris Healthcare logo, click "Register"



Figure 1: The landing page

2. Enter your email and a password
 - (a) Password must contain a capital letter, number, and symbol
3. Click the "Register" button and you will be taken to the main page

Register



The register form consists of three input fields stacked vertically: 'Email', 'Password', and 'Confirm Password'. Each field is a light gray rectangle with a thin border. To the right of the 'Confirm Password' field is a blue button with the word 'Register' in white text.

Figure 2: The register page

2.3 Logging In and Out

1. Under the Harris Healthcare logo, click "Login"



Figure 3: The landing page

2. Enter the email and password you created previously
3. Select the "Remember me" checkbox to remember your credentials for next time
4. Click the "Login" button and you will be taken to the main page

Log in

Email

Password

☐ Remember me?

[Forgot your password?](#)

[Register as a new user](#)

[Resend email confirmation](#)

Log in

Figure 4: The Login page

5. To logout, click the logout icon on the right of the header

2.4 Patient Appointment List

1. On the bottom navigation bar click the home/appointments icon and you will see with a list of patient appointments.

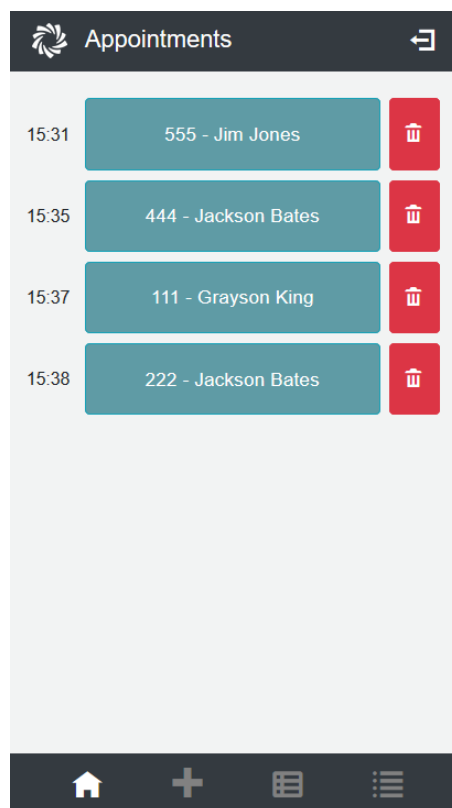


Figure 5: The home/appointments page shows a schedule

2. Each appointment will display the start time, room number, patient, and an option for skipping the appointment
3. If you would like to skip the appointment for now, click the garbage icon
4. Click the appointment you would like to view
 - (a) You will be presented with a page showing patient information for that appointment

Appointment Information

Patient Name: Jim Jones

Health Care Number:

Sex: Male

Age: 43

[Use Chat Bot Instead?](#)

Select Form

-- Select Form --

Appointment Notes

Write notes here...

[Back](#) [Finish](#)

Figure 6: The appointment information page

- (b) Select the form you want from the drop-down list under "Select Form"
- (c) The form will appear below the drop-down menu

Appointment Information

Patient Name: Jim Jones

Health Care Number:

Sex: Male

Age: 43

Use Chat Bot Instead?

Select Form

MEDICATION EDUCATION FOR PAT ▼

KPI- Patient/Family Education During Their Hospital Stay

1

KPI- Discharge Patient/Family Education (Telephone)

1

Figure 7: The appointment information page with a form selected

- (d) Fill in the text fields with the information you would like to collect
 - (e) Add notes in the provided text box
 - (f) Click the "Back" button to return to the appointments list
 - (g) When the appointment is complete, click the "Finish" button in the bottom right of the page to submit the form, log the duration of the appointment, and remove the appointment from the list
5. Alternate course: using the chat bot to fill in a form
- (a) Press the use chat bot button

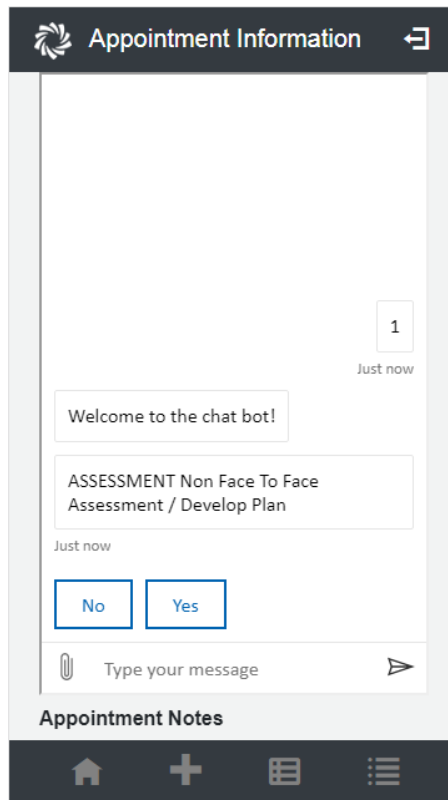


Figure 8: Chat bot button pressed

- (b) Type your answers or use the provided buttons
- (c) After the form is complete it will repeat the answers given

Appointment Information

Non Face To Face Assessment / Develop Plan Yes.

Face To Face Assessment No.

Telephone / Electronic Assessment Yes.

Telephone / Electronic Implement / Evaluate Plan Yes.

Group Patient Teaching: 60 Minutes 1.

Group Patient Teaching: 90 Minutes 90.

Thank you for filling in this form

2 minutes ago

Type your message

Appointment Notes

Figure 9: Form complete using chat bot

- (d) Click the "Finish" button in the bottom right of the page to submit the form, log the duration of the appointment, and remove the appointment from the list

2.5 Create or Delete an Appointment

1. On the bottom navigation bar click the create appointment icon and you will be presented with a form

Figure 10: The create appointment page

2. Select a patient from the drop-down list
3. Select the user creating the appointment from the drop-down list
4. Enter start and end times for the appointment
5. Enter a location in the form of a hospital room number
6. Enter an optional description of the appointment
7. Click the "Create Appointment" button
 - (a) The appointment will be created and added to the patient appointment list

2.6 Managing Forms

1. On the bottom navigation bar click the manage forms icon
2. You will see a list of previously made forms. Click the "Create Form" button at the bottom of the page

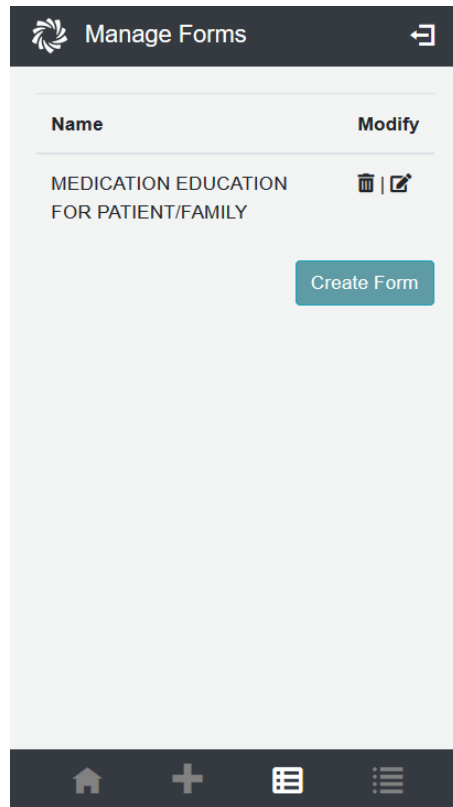


Figure 11: The manage forms page

3. In the provided text boxes of the create form pop-up, type a name for the form as well as a short description
4. To add fields to the form, select one from the drop-down list named "Add Additional Fields" and click the add button
5. To delete a previously added field, click the garbage can button to the right of the field listed
6. Click the "Create Form" button to complete the form
7. To cancel, click the X in the top right of the pop-up

Create Form

Form Name

Description

Additional Fields:

KPI- Patient/Family Education During Their Hospital Stay (Non Attendance Day)

KPI- Patient/Family Education

Create Form

Figure 12: The create form pop-up

2.6.1 Modifying Forms

1. To edit a form, click the pencil icon under the Modify heading
2. Adjust the information in the fields and click "Update Form"
3. To delete a form you have created, click the garbage can icon under the Modify heading

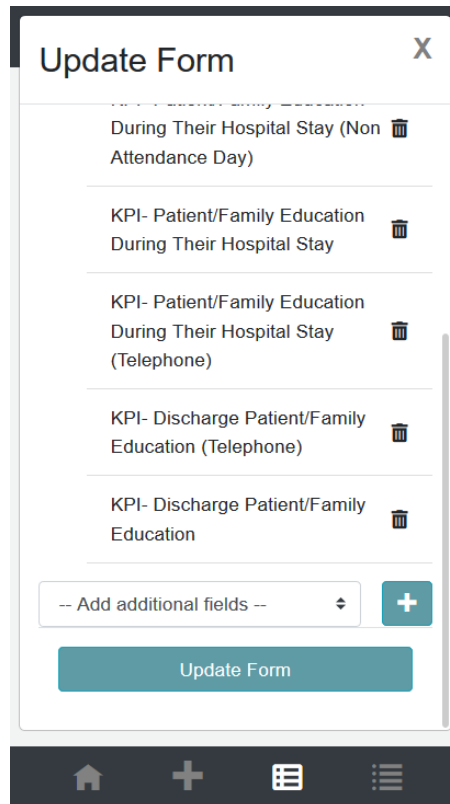


Figure 13: The update form pop-up

2.7 Managing Form Fields

1. On the sidebar (drop-down menu on mobile) navigate to the Admin section and click the "Form Fields" button
2. To delete a field you have created, click the garbage can icon to the right of your field
3. You will see a list of previously made form fields. Click the "Create New Field" button at the bottom of the page

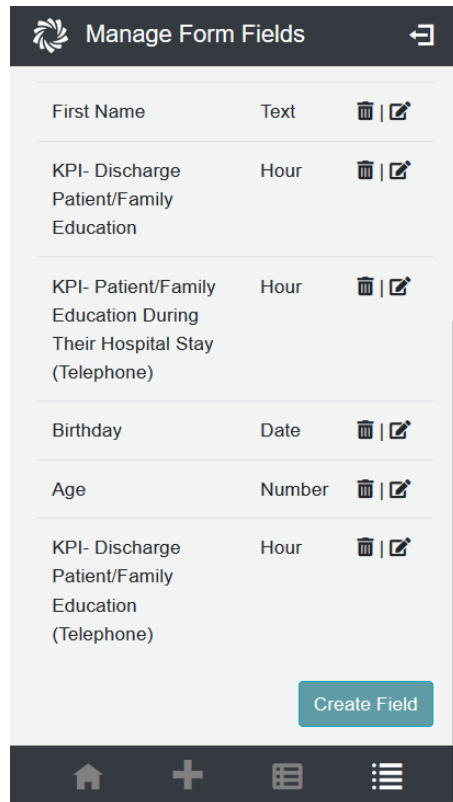


Figure 14: The manage form fields page

4. Enter a name for the field in the provided text box
5. Select an input type from the drop-down
6. Optionally enter a description of the field
7. Click "Ok" to create the field

Create Form Field

Field Name

-- Input Type --

Description

Create Form Field

Birthday	Date		
Age	Number		
KPI- Discharge Patient/Family Education (Telephone)	Hour		

Create Field

Figure 15: The create form field pop-up

2.7.1 Modifying Form Fields

1. To edit a form field, click the pencil icon under the Modify heading
2. Adjust the information and click "Update Form Field"
3. To delete a form field you have created, click the garbage can icon under the Modify heading

Update Form Field X

KPI- Patient/Family Education During Their

Text

KPI- Patient/Family Education During Their

Update Form Field

MEDICATION EDUCATION FOR PATIENT/FAMILY	Text	🗑️ ✎️
First Name	Text	🗑️ ✎️
KPI- Discharge Patient/Family Education	Hour	🗑️ ✎️

Home + List Menu

Figure 16: The update form fields pop-up

3 Release Notes

3.1 v1.9

- Changed chatbot responses to "Yes/No" from "1/0"
- Fully integrated API to project

3.2 v1.8

- Updated chatbot to have input buttons
- Store form responses in database
- Added ability to view previous form submission

3.3 v1.7

- Integrated Form API to app
- Integrated Patient API to app
- Integrated Appointment API to app

- Created test biometric authentication project
- Updated chatbot

3.4 v1.6

- Integrated Formfield API to app
- Updated FormField Controller
- Created PatientInfo Controller
- Created Form Controller
- Created Appointments Controller

3.5 v1.5

- Added framework for chatbot data entry
- Added framework for biometric login
- Added form field API

3.6 v1.4

- Updated user interface

3.7 v1.3

- Cleaned up form builder with pop-up and simple delete and edit buttons
- Added Admin section
- Added Form Fields creator
- Form builder and Form fields moved to Admin section

3.8 v1.2

- Form builder added
- Added ability to create and delete an appointment

3.9 v1.1

- Basic login and authentication
- Patient list