Open Source Engine Integration
OPEN-SOURCE INTEGRATION USER MANUAL

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Open Source Engine Integration
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Revision Sheet			
Revision	Date	Summary of Changes	Name
1.0	10-9-2020	Baseline Document Draft	Keaton Canuel
1.1	11-22-2020	Upload GUI Images	Keaton Canuel
1.2	12-3-2020	Added Android Manual	Keaton Canuel
1.3	03-7-2021	Added Role explanations	Derek Manchee

Contents

1 INTRODUCTION

1.1 Document Use

This user manual is designed to provide instruction for people who will use the Open-Source Integration. This document is designed to be read by any user of the application.

1.2 Definitions and Acronyms

GUI – Graphical User Interface, what the user will be interacting with.

2 Concept of Operations

This Document will go over how to search through the database of stored patient info using the GUI.

3 Role version use

3.1 Android Patient

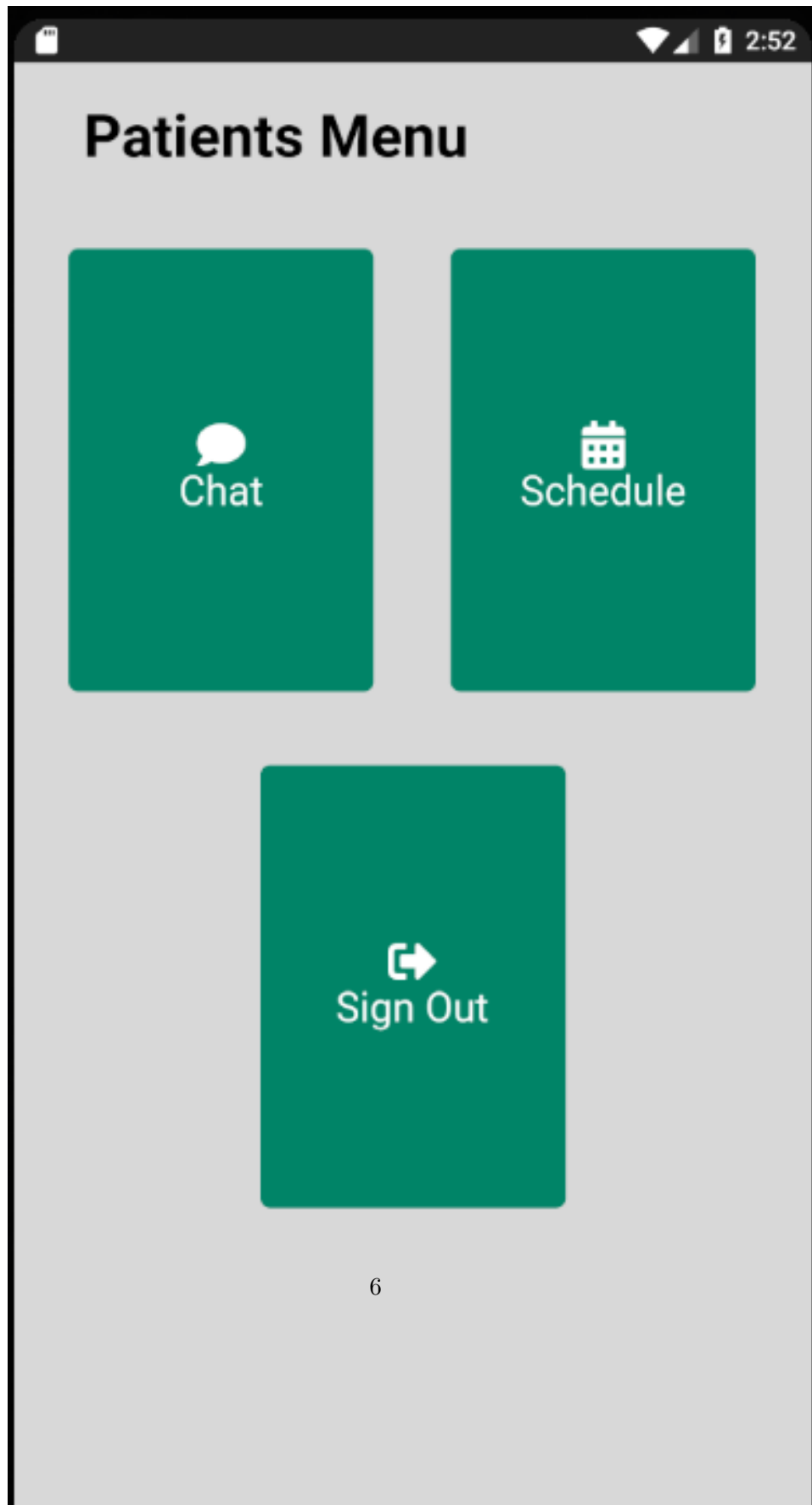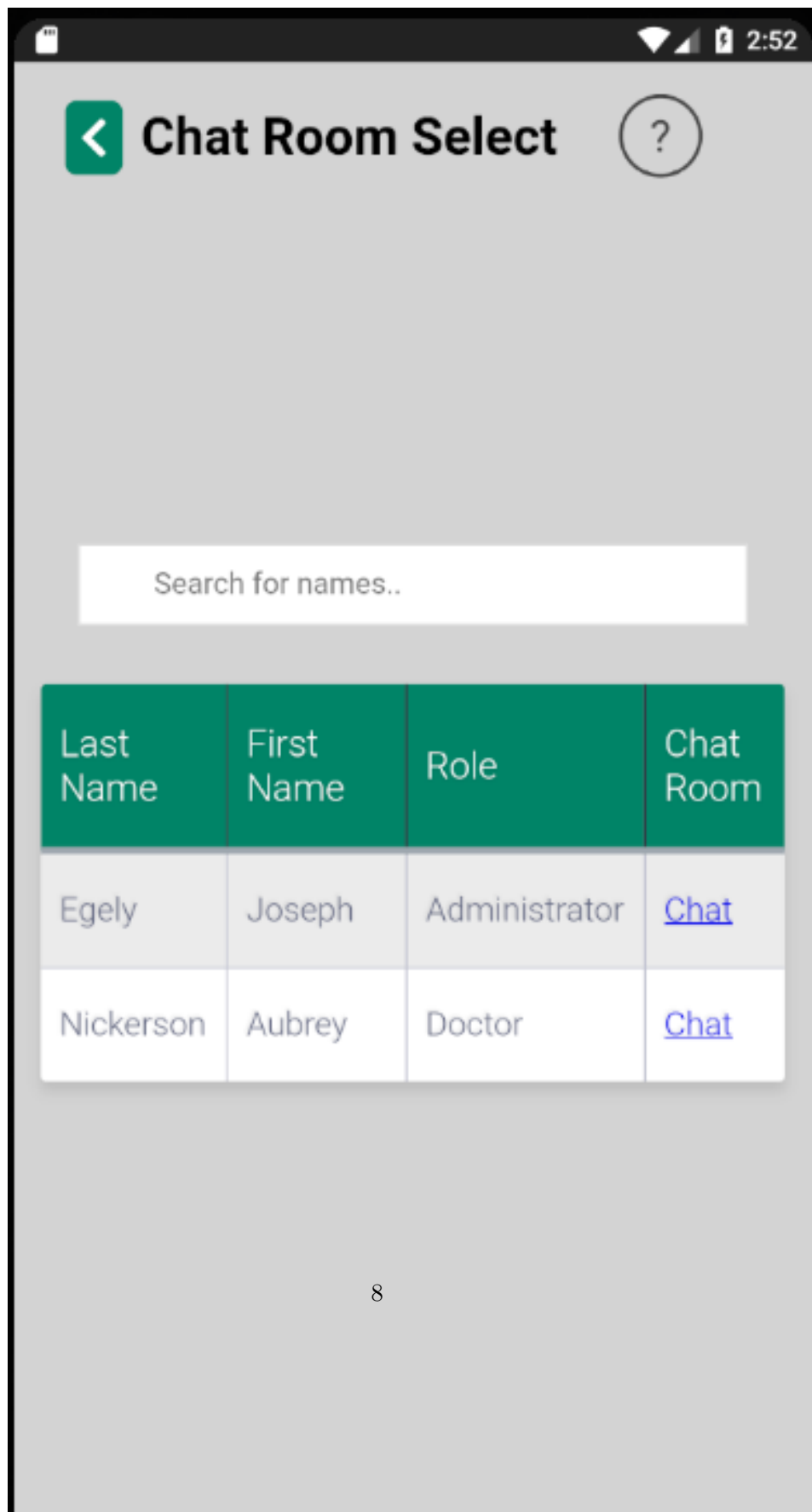Sign in: First the user will be presented with the login screen and must know his/her credentials to access the landing page.

Landing page: After the user logs in, the user is presented with the Channel button, schedule button and sign out button must enter the patients last name or first name. Only one field needs to be filled.

Patients Menu

💬
Chat

📅
Schedule

🔁
Sign Out

Channel Button: If channel button is clicked possible communication chat channel options will be shown and can be filtered based off of the search bar at the top of the table. Click on the chat link in any row to open the message channel with that individual and text back and forth.

Schedule Button: If schedule button is clicked the patient will be shown a table with their schedule.

Patient Schedule

Doctor	Issue	Date
Aubrey Nickerson	FLU	2021-03-24 13:45:03

Sign off: If the sign off button is clicked the patient will be signed out and returned to login page.

3.2   Android Doctor

Sign in: First the user will be presented with the login screen and must know his/her credentials to access the landing page.

Emerald

Login
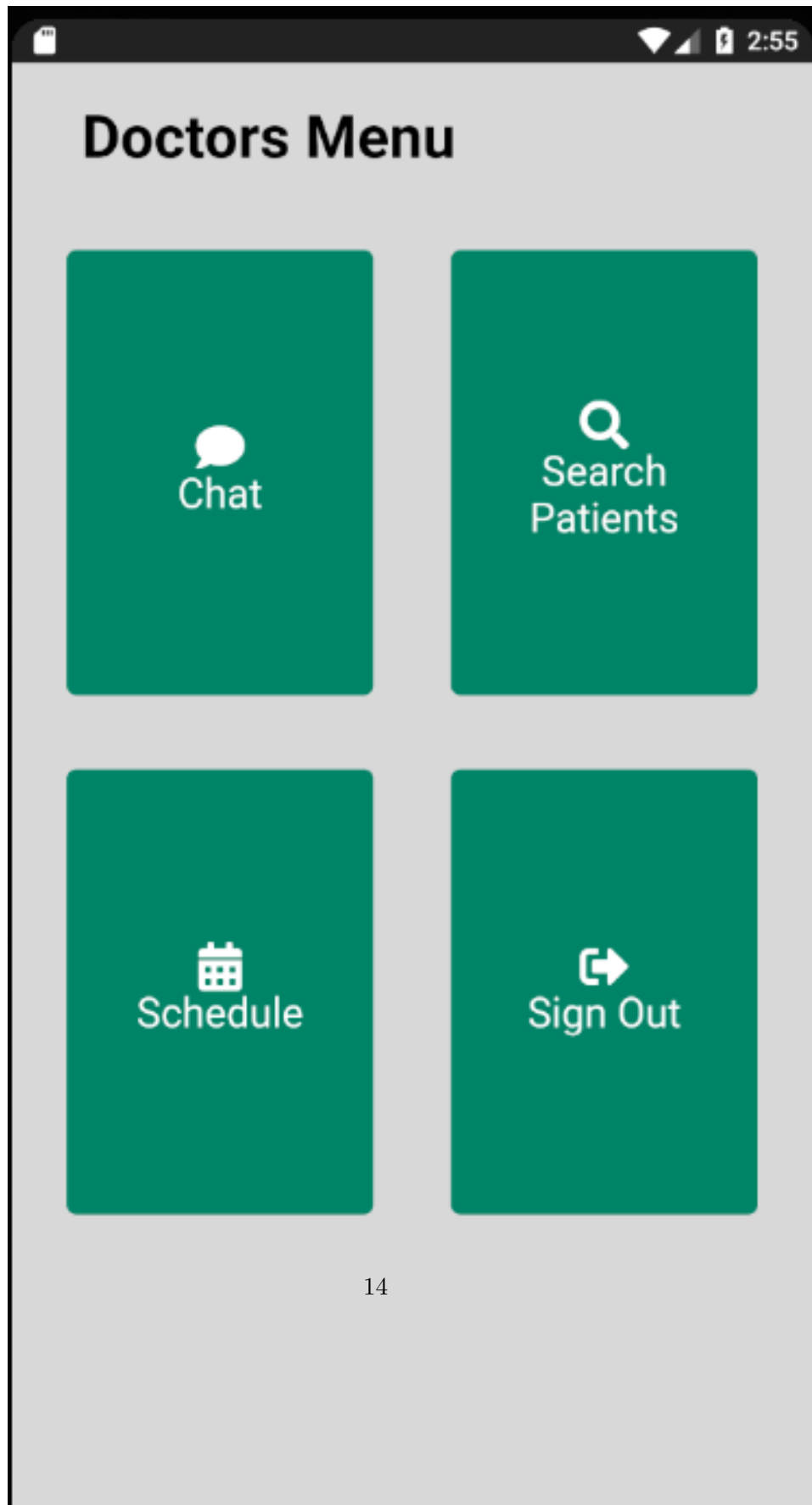Please enter your login credentials.

Email:

Enter Email

Password:

Enter Password

Login

Landing page: After the user logs in, the user is presented with the Channel button, search patient, schedule button and sign out button.

Doctors Menu

Chat

Search Patients

Schedule

Sign Out

Channel Button: If channel button is clicked possible communication chat channel options will be shown and can be filtered based off of the search bar at the top of the table. Click on the chat link in any row to open the message channel with that individual and text back and forth.

Chat Room Select ?

Search for names..

Last Name	First Name	Role	Chat Room
Egely	Joseph	Administrator	Chat
Canuel	Keaton	Patient	Chat
Hill	Bobby	Patient	Chat
Manchee	Derek	Patient	Chat
Marley	Stevey	Patient	Chat
Ross	Bob	Patient	Chat

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Search Patient Button: If the search patient button is clicked it will show a list of the Active patients that the doctor has.

⟨ **Search Patient**

Search for names..

◉ Active Patients
◯ Inactive Patients
◯ All Patients

CANUEL, KEATON
PatID: 78
23 years M DOB: 1998

DUCK, DONALD
PatID: 10006579
21 years M DOB: 2000

HILL, BOBBY
PatID: 431
22 years M DOB: 1999

MANCHEE, DEREK
PatID: 54
22 years M DOB: 1999

MARLEY, STEVEY

Search Patient Button: If you click the inactive radio button it will show you the past patients that the doctor has had.

‹ Search Patient

Search for names..

○ Active Patients
◉ Inactive Patients
○ All Patients

JOE, MIKEY
PatID: 72
25 years M DOB: 1996

MARLEY, BOB
PatID: 121
29 years M DOB: 1992

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Search Patient Button: If you click the All patient radio button it will show you the past patients that the doctor has had and the current patients..

Search Patient

Search for names..

○ Active Patients
○ Inactive Patients
● All Patients

CANUEL, KEATON

PatID: 78

23 years M DOB: 1998

DUCK, DONALD

PatID: 10006579

21 years M DOB: 2000

HILL, BOBBY

PatID: 431

22 years M DOB: 1999

JOE, MIKEY

PatID: 72   22

25 years M DOB: 1996

MANCHEE, DEREK

Schedule Button: If schedule button is clicked the Doctor will be shown a table with their schedule of patients.

Patient Schedule

Patient	Issue	Date
KEATON CANUEL	FLU	2021-03-24 13:45:03
DEREK MANCHEE	COLD	2021-03-24 13:46:57

Sign off: If the sign off button is clicked the patient will be signed out and returned to login page.

3.3   Android Admin

Sign in: First the user will be presented with the login screen and must know his/her credentials to access the landing page.

Emerald

Login

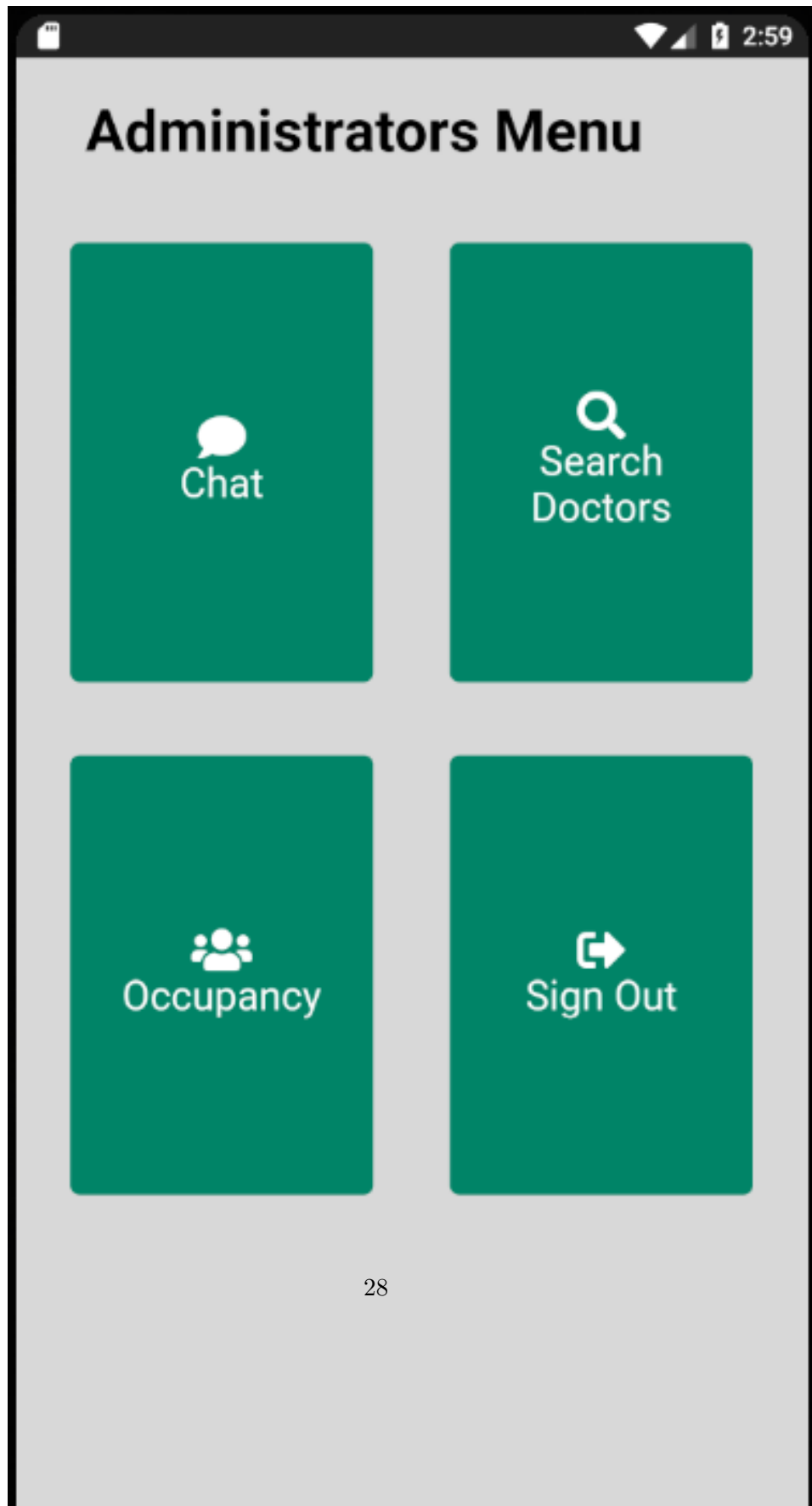Please enter your login credentials.

Email:

Enter Email

Password:

Enter Password

Login

Landing page: After the user logs in, the user is presented with the Channel button, search patient, schedule button and sign out button.

Administrators Menu

💬
Chat

🔍
**Search
Doctors**

👥
Occupancy

⮕
Sign Out

Channel Button: If channel button is clicked possible communication chat channel options will be shown and can be filtered based off of the search bar at the top of the table. Click on the chat link in any row to open the message channel with that individual and text back and forth.

Chat Room Select (?)

Search for names..

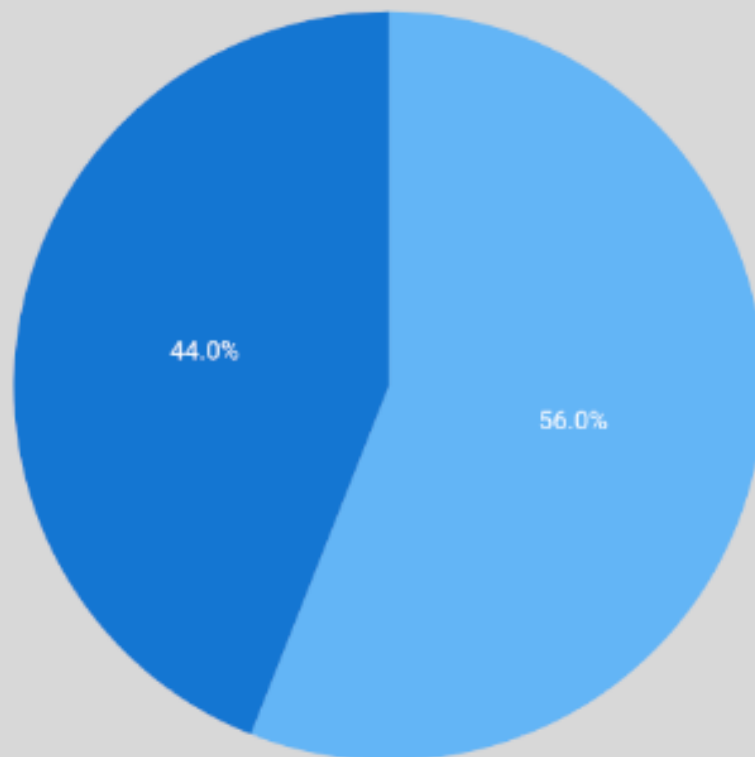| Last Name	First Name	Role	Chat Room
Behnke	James	Doctor	Chat
Nickerson	Aubrey	Doctor	Chat
Canuel	Keaton	Patient	Chat
Duck	Donald	Patient	Chat
Hill	Bobby	Patient	Chat
Manchee	Derek	Patient	Chat
Marley	Stevey	Patient	Chat
Ross	Bob	Patient	Chat

Occupancy Button: If the occupancy button is clicked a pie chart displaying the level of occupancy in the hospital shows.

◀ Occupancy Overview

Hospital Percent Filled

Percentage of In Use and Free

44.0%

56.0%

32

■ In Use ■ Free
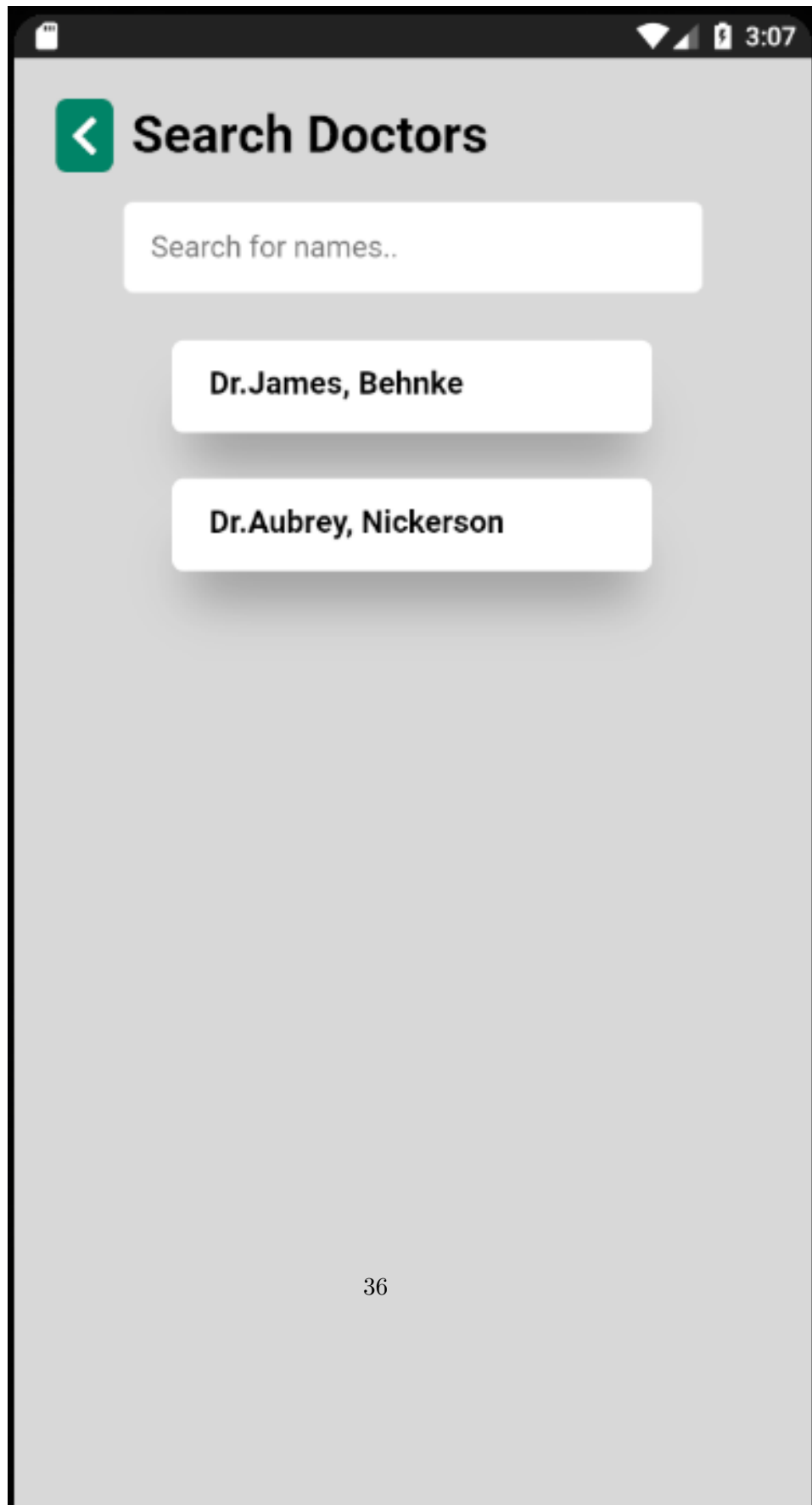
AnyChart Trial Version

Occupancy Details

Occupancy Details Button: If the occupancy details button is clicked a table displaying the occupancy of each bed in the hospital is shown.

< Occupancy Details

Dept	Floor #	Room #	Bed #	Status
CCU	2	001	1	inUse
CCU	2	001	2	inUse
CCU	2	002	1	inUse
CCU	2	002	2	free
ER	1	001	1	inUse
ER	1	001	2	inUse
ER	1	001	3	inUse
ER	1	001	4	inUse
ER	1	002	1	inUse
ER	1	002	2	free

Search Doctor Button: If the search doctor button is clicked it will show a list of the Active doctors that the hospital has.

Search Doctors

Search for names..

Dr.James, Behnke

Dr.Aubrey, Nickerson

Search Patient by Doctor Button: If a doctor is clicked it will show a list of the patients that the doctor has.

Search Patients

Search for names..

CANUEL, KEATON
PatID: 78
23 years M DOB: 1998

HILL, BOBBY
PatID: 431
22 years M DOB: 1999

MANCHEE, DEREK
PatID: 54
22 years M DOB: 1999

MARLEY, STEVEY
PatID: 444
33 years M DOB: 1988

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ROSS, BOB
PatID: 567
577 years M DOB: 1444

Sign off: If the sign off button is clicked the patient will be signed out and returned to login page.

4   Procedures and Tutorials

∘ To start type a name into the first name, last name or both search by areas
∘ Press search button
∘ Wait for response
∘ You can now see all patient names that matched the search with their corresponding Information history

5   Error Messages and Problem Resolution

∘ If no patients match query error message prints
- Your patient search returned zero entries try another patient