

Web Technology – Mobile Platforms (MAPD712)
Project: Patient Data Mobile App with React-Native
Milestone - 2
Submitted to: Prof. Rania Arbash

By: Group - 3

Name	Id
Bhargav Borse	301278352
Khanjan Dave	301307330

1. Github link for project

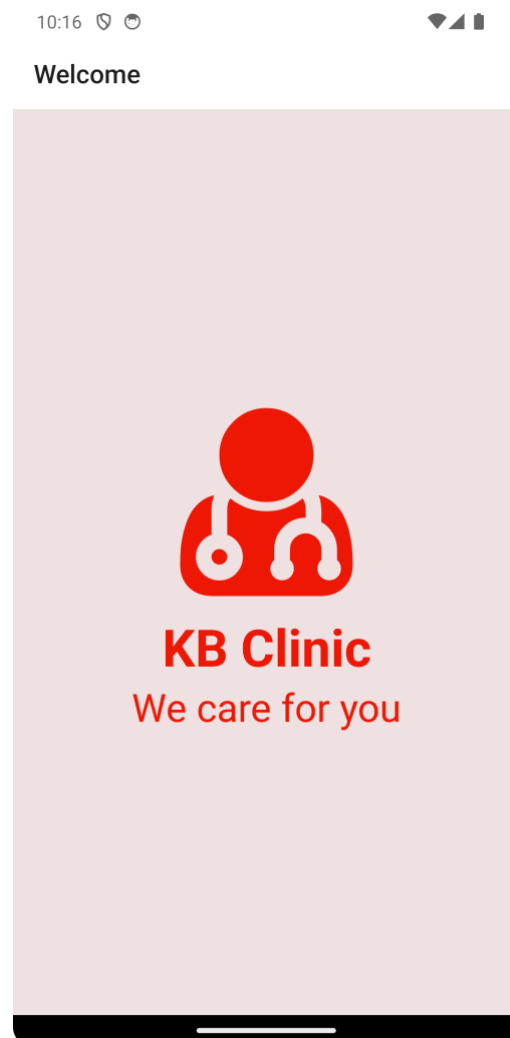
- https://github.com/BhargavBorse/Group3_Webtech

2. Logic Implemented

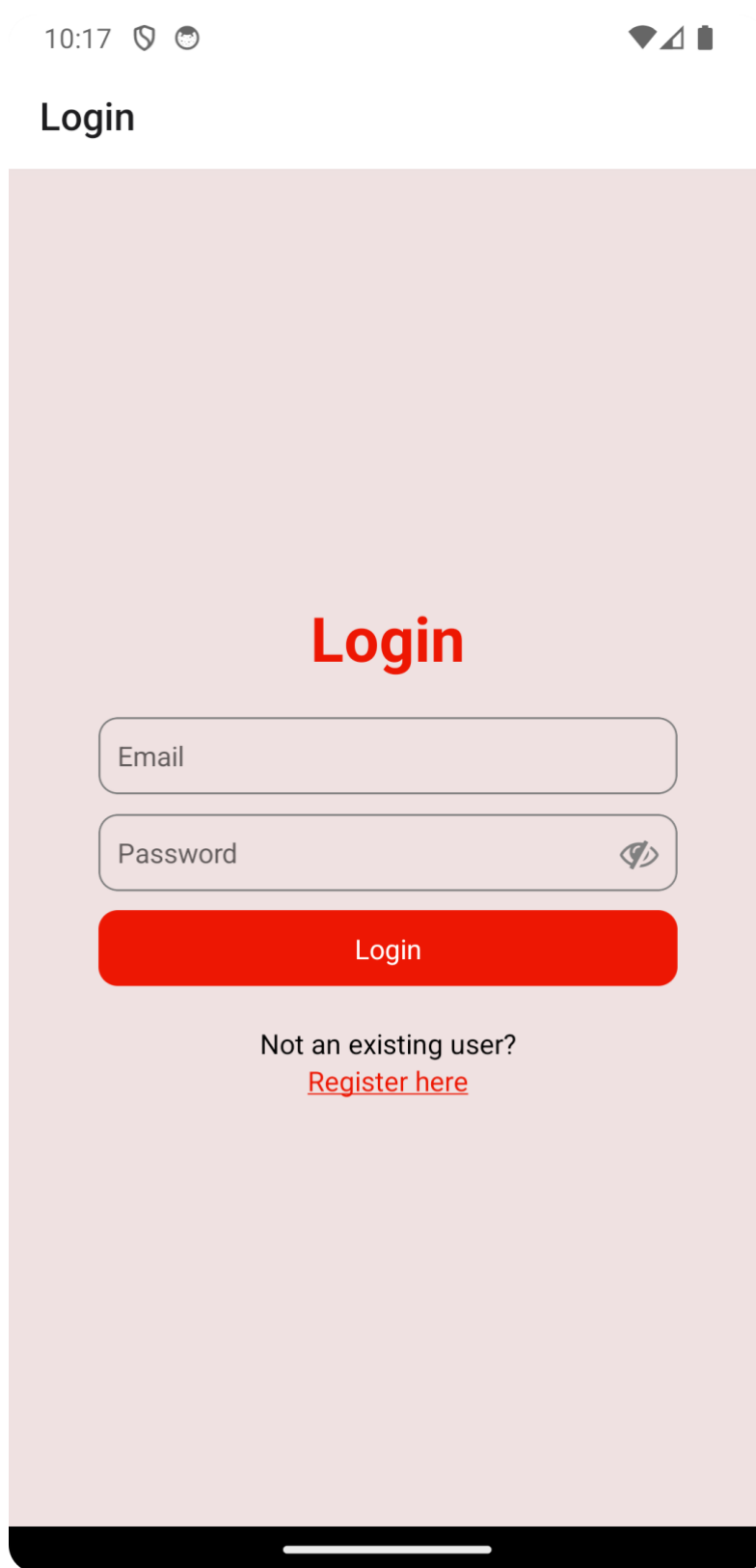
We have selected two logics from the use case to implement and they are **Login and Registration**. We were able to successfully implement these two functionalities and we were also able to encrypt the password while registering. Password is stored in hash and salt format in the database.




3. Prototype

- **This is the splash screen which will appear when we start the app and will disappear after 2 sec**




- **Login Screen**



10:17   




Login



Login


Not an existing user?
[Register here](#)

- Error message while giving wrong password

10:22   



Login

bb@gmail.com

... 

Login

Not an existing user?
[Register here](#)

 Invalid email or password. Please try again. 

- **Register Screen:** User will get registered using this screen

10:43

← Register Here

Enter Details

First Name

Last Name

Password

Phone Number

Email

Gender

☐ Male ☐ Female

Healthcare Provider Type

☐ Doctor ☐ Nurse

Register

Already have an account?
[Login here](#)

- Validation for register screen

The image shows a mobile application interface for a registration screen. At the top, there is a back arrow and the text "Register Here". Below this is a large red heading "Enter Details". There are two input fields: "First Name" and "Last Name". A white validation error message box is displayed in the center, stating "Validation Error" and "Please fill in all fields." with an "OK" button. Below the error box, there are radio button options for "Gender" (Male and Female) and "Healthcare Provider Type" (Doctor and Nurse). A red "Register" button is positioned below these options. At the bottom, there is a link "Login here" for users who already have an account.

← Register Here

Enter Details

First Name

Last Name

Validation Error
Please fill in all fields.

OK

Gender

☐ Male ☐ Female



Healthcare Provider Type

☐ Doctor ☐ Nurse

Register

Already have an account?
[Login here](#)

- Registration will fail if user enters used email again

10:45  

← Register Here

dummy

dummy

.....

1234567890



dummy@gmail.com

Gender

☒ Male ☐ Female

Healthcare Provider Type

☐ Doctor ☐ Nurse

 Error: Registration failed 

> 3-InvalidPass...

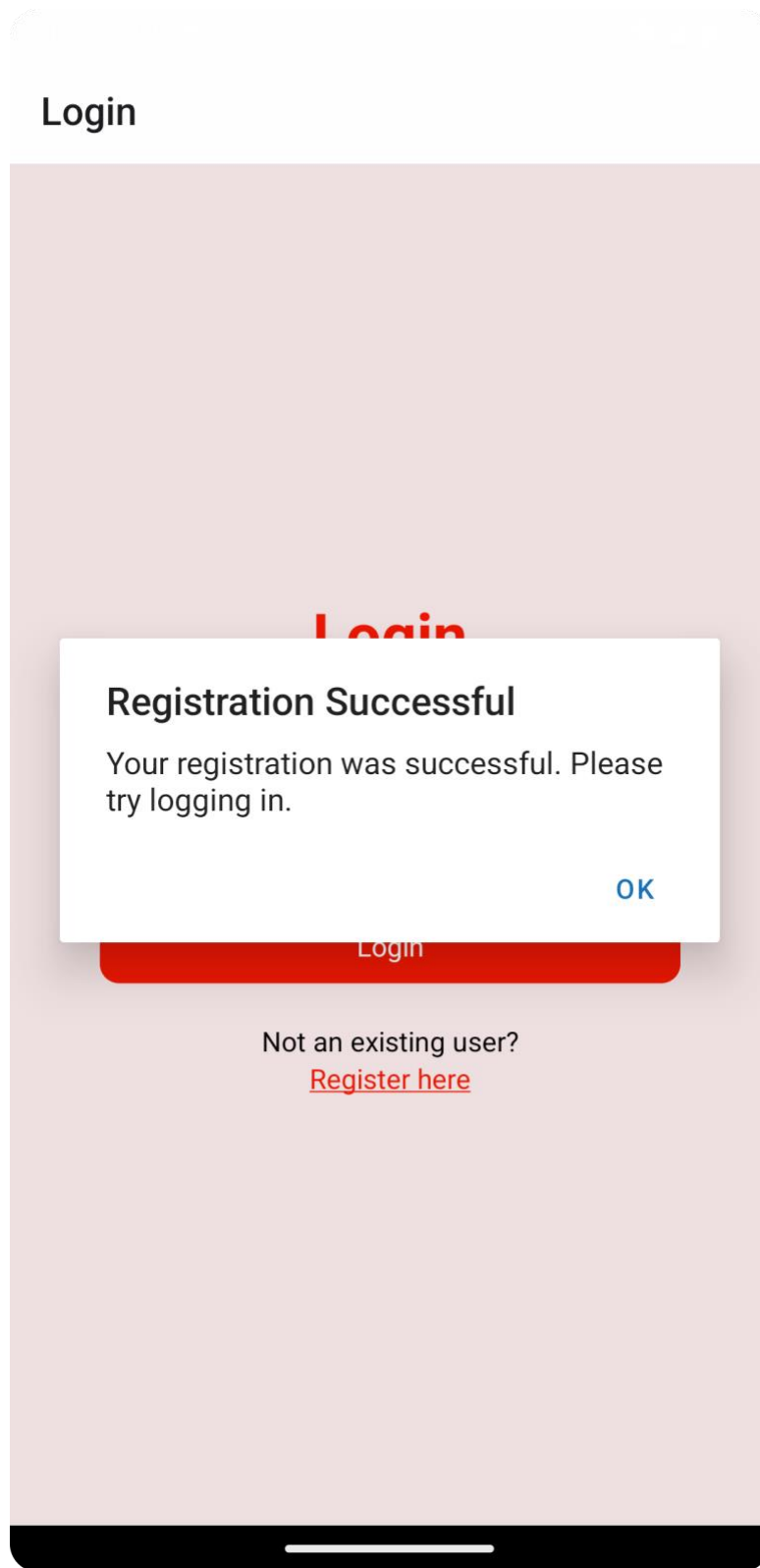
q¹ w² e³ r⁴ t⁵ y⁶ u⁷ i⁸ o⁹ p⁰

a s d f g h j k l

⬆ z x c v b n m ⬇

?123 , 😊 . ✓

- Successfully registered with other mail id



- **Main Page**

10:23



Main Page

Hello



All Patients






Critical Patients



Clinical Tests

- **Edit Profile:** user will be able to edit their profile details.

10:23   

← **Edit Profile**

First Name

Last Name

Password

Phone Number

Email

Gender

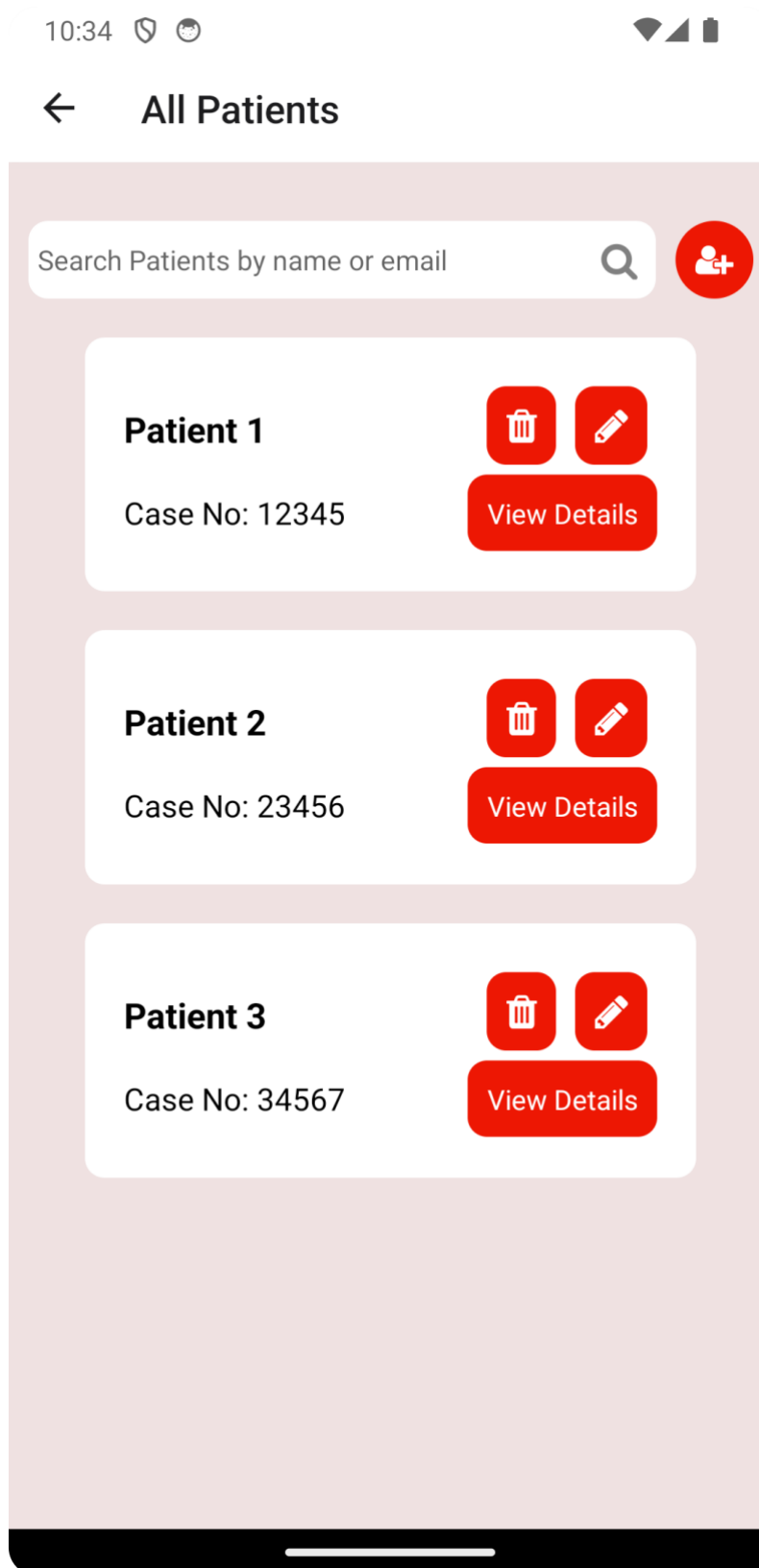
☐ Male ☐ Female

Healthcare Provider Type

☐ Doctor ☐ Nurse

Update

- All Patients lists



- **Add Patients:** user will be able to add patients details using this page

10:34

← Add Patients

Enter Patient First Name

Enter Patient Last Name

Enter Patient Phone Number

Enter Patient Email Address

Enter Patient Height in CM

Enter Patient Weight in KG

Enter Patient Home Address

Select Gender

☐ Male ☐ Female

Add Details

- **Edit Patient:** user will be able to update patient's details from here

The image shows a mobile application interface for editing patient details. At the top, there is a status bar with the time 10:35, a shield icon, a person icon, and a battery icon. Below the status bar is a navigation bar with a back arrow and the title "Edit Details". The main content area is a light pink rectangle containing several input fields and a button. The input fields are labeled "Enter Patient First Name", "Enter Patient Last Name", "Enter Patient Phone Number", "Enter Patient Email Address", "Enter Patient Height in CM", "Enter Patient Weight in KG", and "Enter Patient Home Address". Below the input fields is a section titled "Select Gender" with two radio buttons labeled "Male" and "Female". At the bottom of the form is a red button labeled "Update".

10:35

← Edit Details

Enter Patient First Name

Enter Patient Last Name

Enter Patient Phone Number

Enter Patient Email Address

Enter Patient Height in CM

Enter Patient Weight in KG

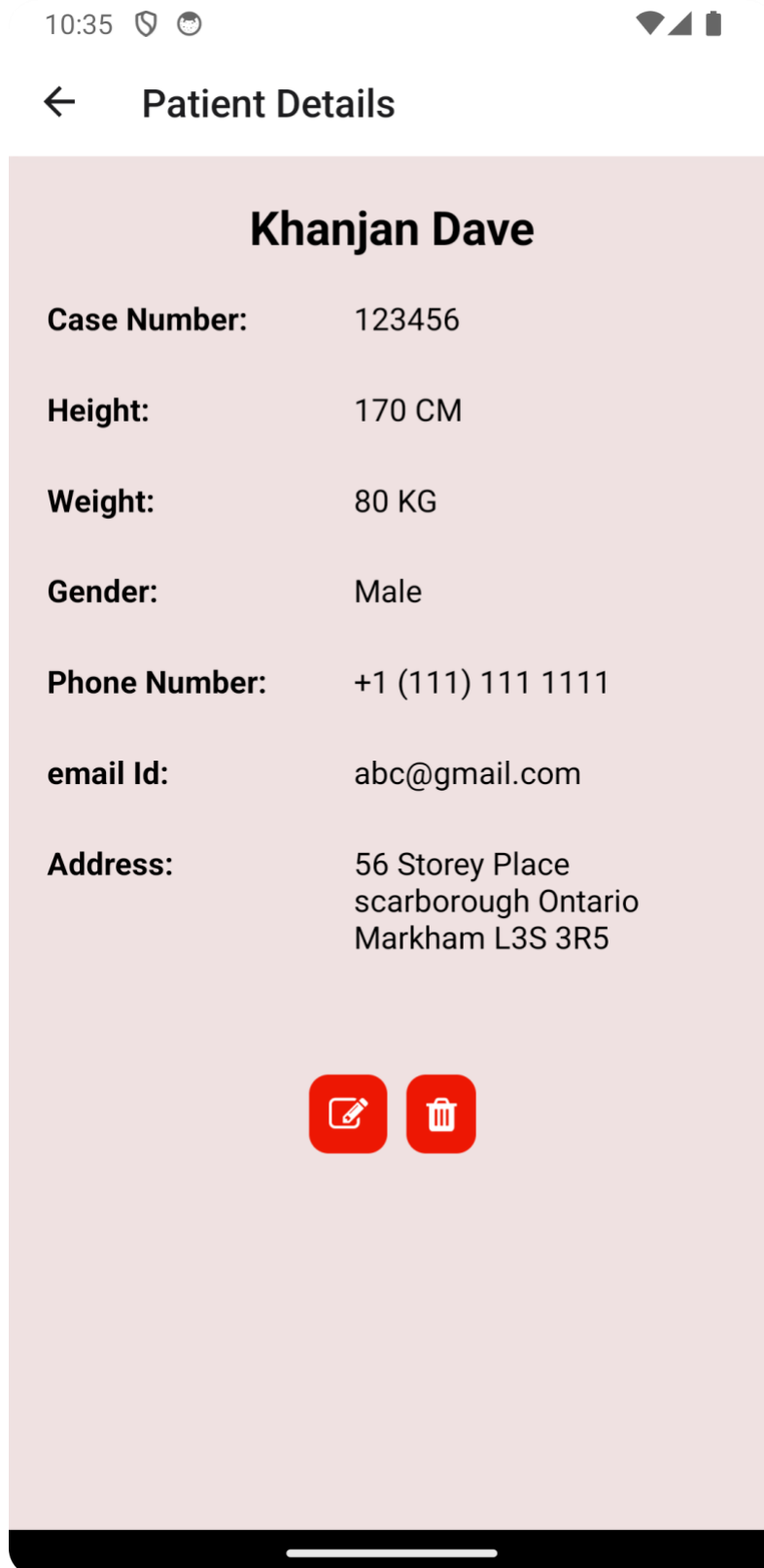
Enter Patient Home Address

Select Gender

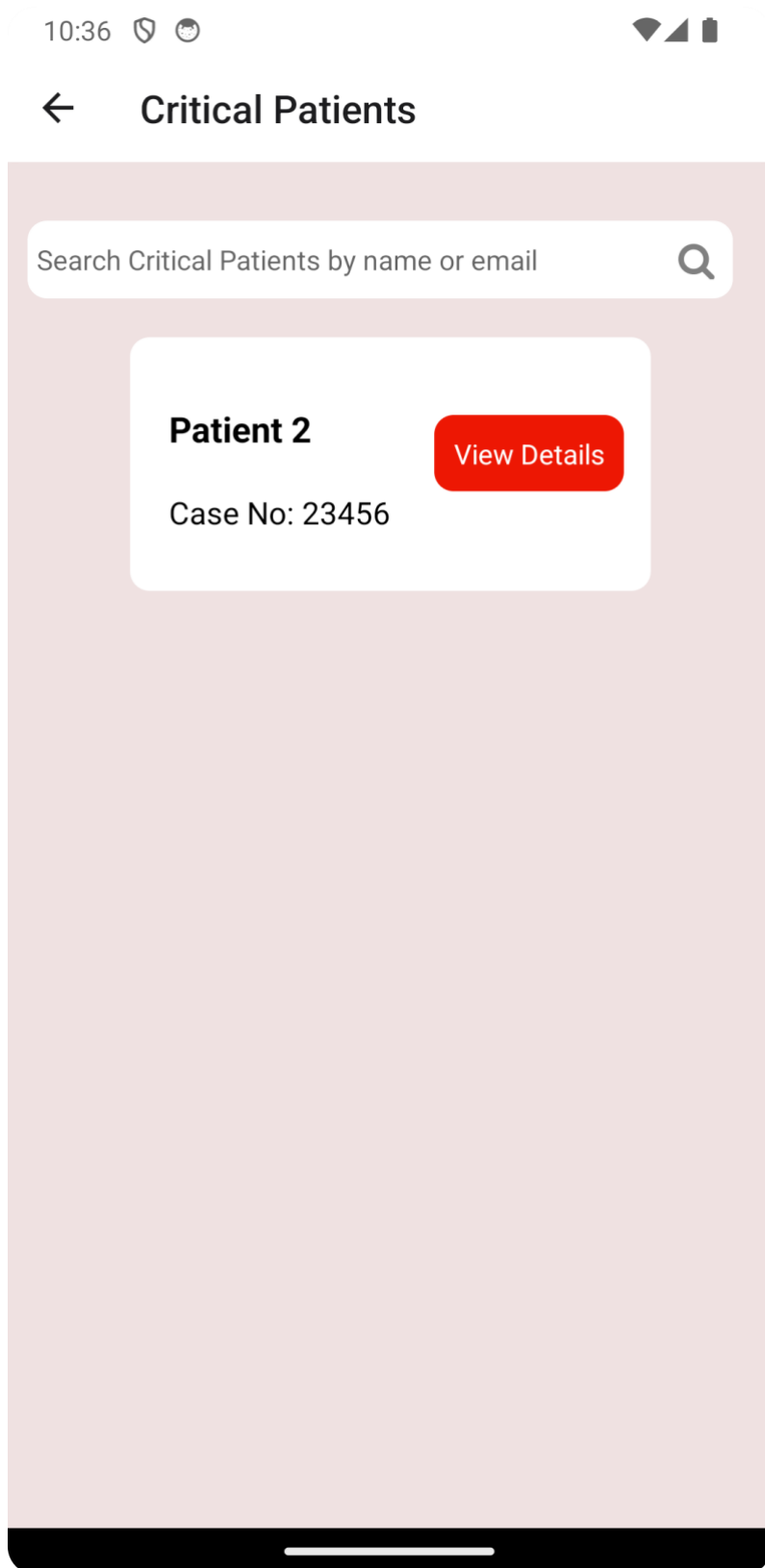
☐ Male ☐ Female

Update

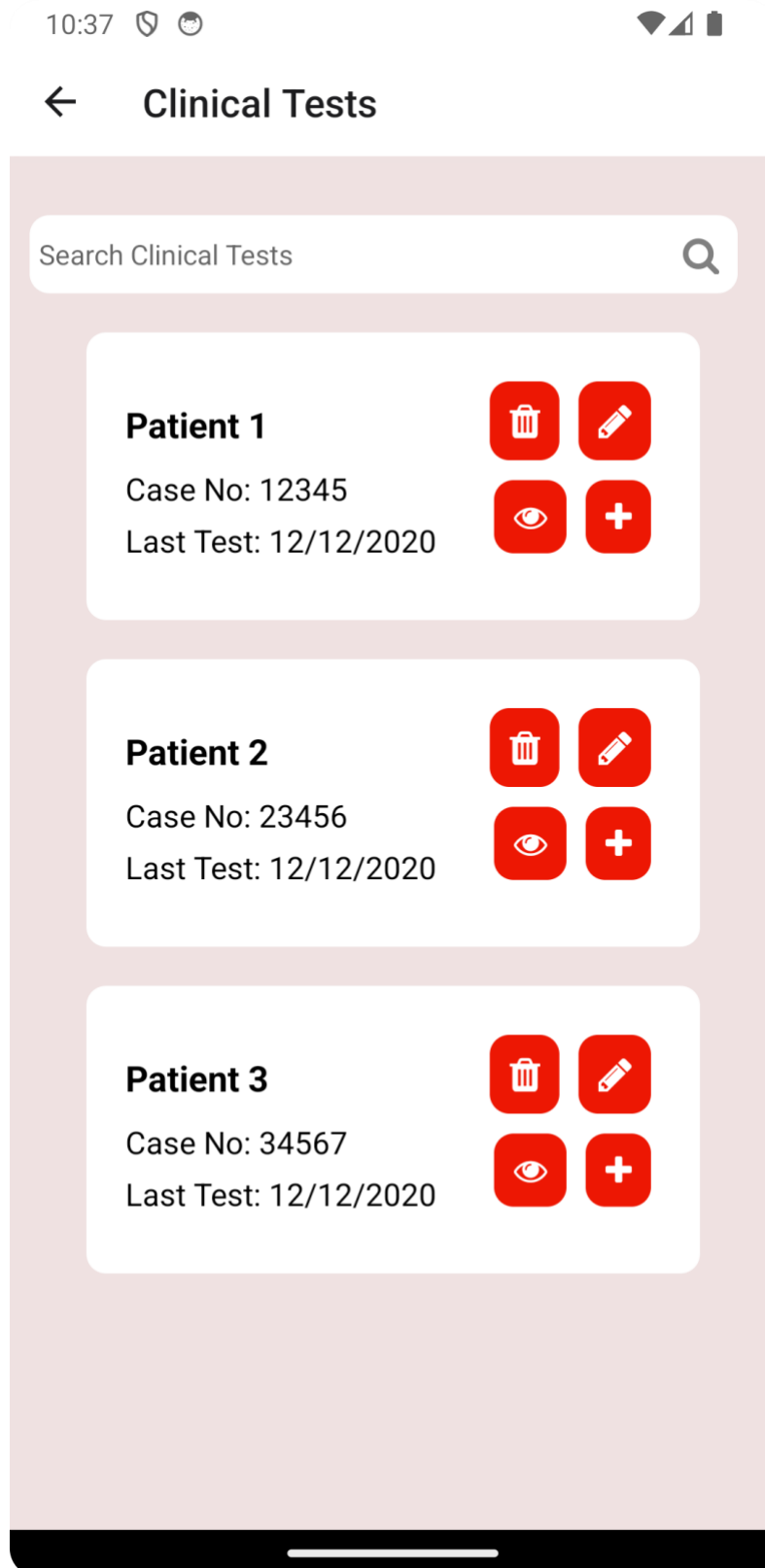
- **Patients Details:** user will be able to fetch the patients details from here








- **Critical patients list: only critical patient's details will appear here**



- **Clinical Test:** all patient's clinical test will appear here



- **Edit Clinical Test:** user will be able to update clinical test using this form

10:38     

← **Edit Test**

Name: Khanjan Dave

Case Number: 123456

Enter Blood Pressure (X/Y mmHg)

Enter Respiratory Rate (X/min)

Enter Blood Oxygen Level (X%)

Enter Heartbeat Rate (X/min)

Patient's chief complaint

Patient's past medical history

medical diagnosis

- **Clinical test data:** user will be able to see the full information of clinical test info

10:38  








← Clinical Test Data

Patient's Name: Patient 1
Case Number: Case No: 12345
Test Date: Last Test: 12/12/2020
Blood Pressure:
Respiratory Rate:
Blood Oxygen Level:
Heart Rate:
Gender:
Chief Complaint:
Past Medical History:
Medical Diagnosis:
Medical Prescription:



- **Add Clinical test data:** user will be able to add test data using this form

10:39     

← **Add Clinical Test**

Name: Khanjan Dave

Case Number: 123456

Enter Blood Pressure (X/Y mmHg)

Enter Respiratory Rate (X/min)

Enter Blood Oxygen Level (X%)

Enter Heartbeat Rate (X/min)

Patient's chief complaint

Patient's past medical history

medical diagnosis