



A touch towards **Health**
Operation Manual

Overview

The world as we know is in the transition we have never witnessed so far. The way of all the essentials for human survival and everything related to that is being connected at an ever fastening pace. Still there are some places which still needs a whole lot of attention. As in amidst of all these , we are turning down some areas of development.

We are proposing an integrated application for all health related queries.

MedCare will act as a single source for meeting quotidian medic requirements.

MedCare Icon

This icon may vary in shape in different devices



Splash Screen

Medcare Application starts with a splash screen displaying its logo



Login Screen

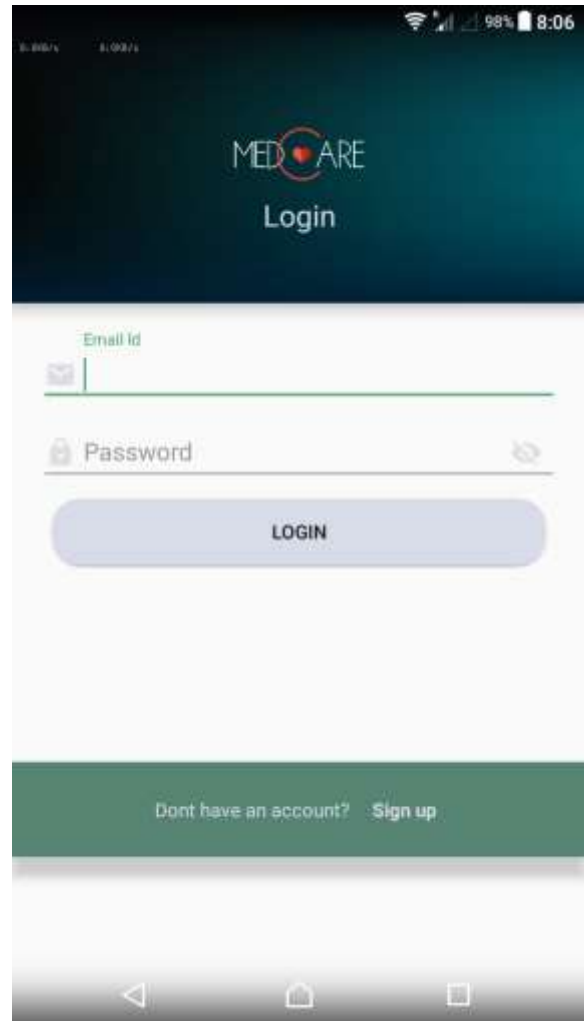
After splash screen you will be redirected to login page.

This page will require your registered email id and its password to log in to our application.

If someone doesn't have an account in MedCare, he/she can create one by clicking on the bottom signup tab.

Our server is online so Internet access is necessary, if it requires permission to access internet, kindly accept it.

This page will connect to the server and check whether this email id is present there or not and return appropriate response to the user.



Users don't have to login every time when they open MedCare. The Login Screen would appear only if the logged in user chooses to sign out.

Signup Screen

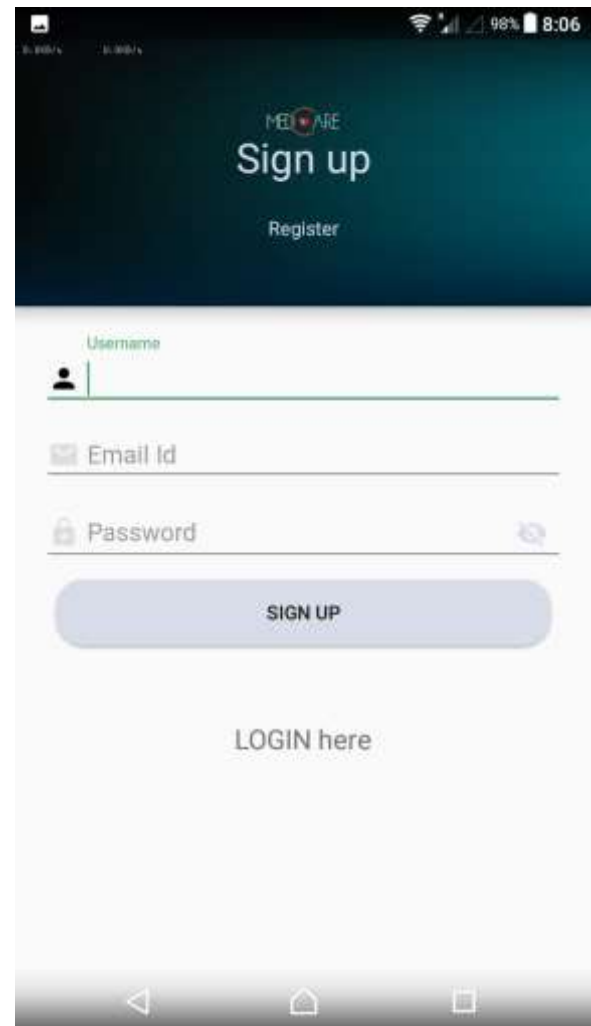
If user clicks on signup button in Login Screen ,he/she will be redirected to Signup Screen.

This Screen will require the user to fill their unique username, email id and password in order to create an account in MedCare.

SIGN UP button will send these entered details to the server and make a new entry in our database of users.

The server can give responses such as “email id already exists” or “username already exists” or “user registered successfully”.

After successfully registering, click on the “login here” text to go back to the Login Screen where users can use their newly created credentials to log in to MedCare.

The image shows a mobile application screen for signing up. At the top, there's a dark blue header with the 'MEDCARE' logo and the text 'Sign up' in white. Below the header, there's a 'Register' button. The main area is white and contains three input fields: 'Username' with a person icon, 'Email Id' with an envelope icon, and 'Password' with a lock icon. Below these fields is a large, rounded 'SIGN UP' button. At the bottom of the form area, there's a link that says 'LOGIN here'. The screen is framed by a dark blue border at the top, and the bottom shows a standard Android navigation bar with back, home, and recent apps buttons.

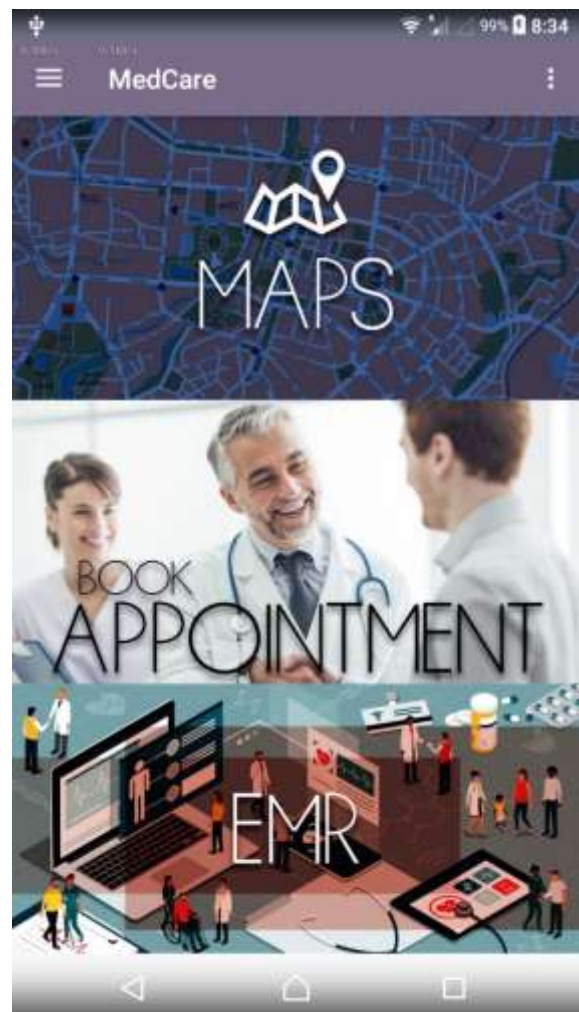
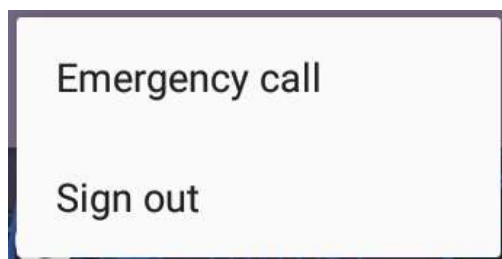
Home Screen

Already logged in users will be redirected to Home Screen directly when they open MedCare.

Our Home Screen contains big and easy to understand Images which act like buttons to access various features of MedCare.

Navigation Drawer can be accessed by sliding from left to right on the screen.

Additional options are placed on the right top denoted by 3 dots, they include Emergency call feature and sign out option



Home Screen Features

Maps

Discussed on page 11



Book Appointments

Discussed on page 12



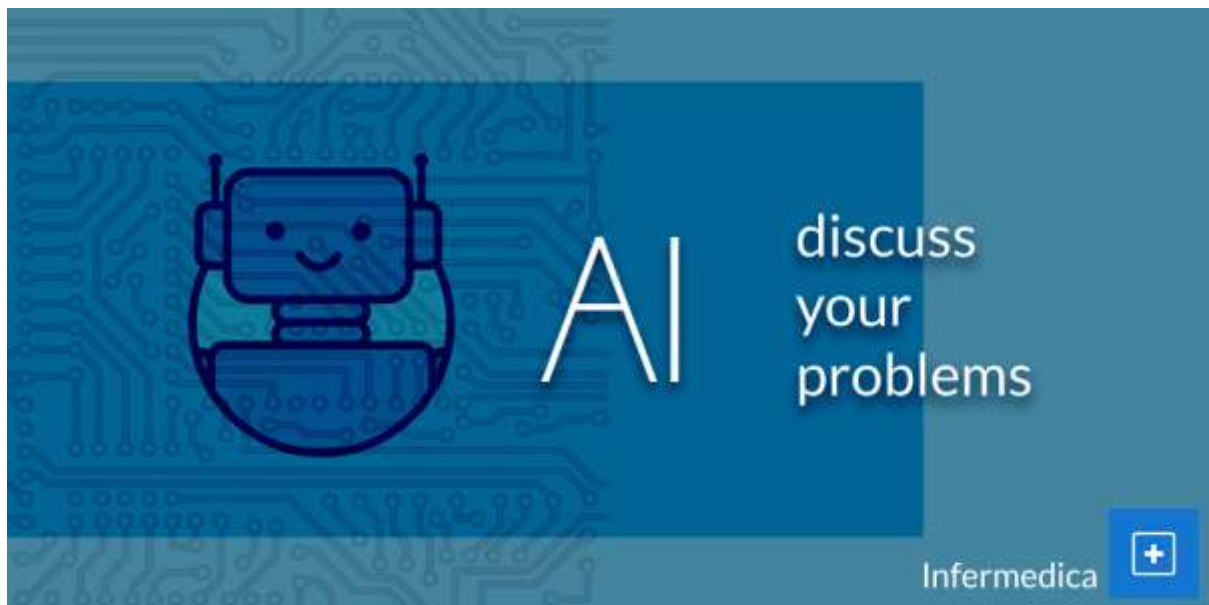
EMR

Discussed on page 14



Chat Bot

Discussed on page 16



Online Pharmacy



Navigation Drawer

This drawer provides a list of options to the user.

Add prescription would allow the user to get prescription written from the doctor in the device itself and save it in the database of the application. Further discussed on page no ...

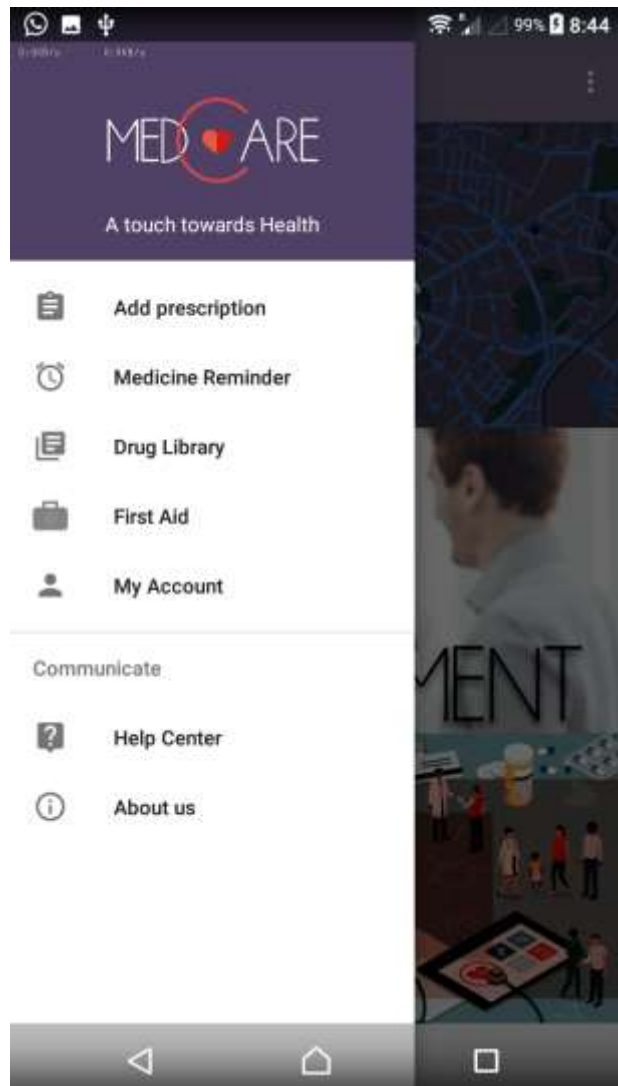
Medicine Reminder would allow the user to set up reminders for medicines so that the device can give notifications and alarm facilitating consumption of medicines on time. Further discussed on page no ...

Drug Library would provide offline details about drugs and effects to the user. Further discussed on page no ...

First Aid would provide offline details about first aid remedies of some frequently happening accidents. Further discussed on page no ...

My Account is where user can see and update their personal details. Further discussed on page no ...

Help center provides the option to the user to report any bug or inconveniences during their interaction with the app or suggestions to improve our interface. Further discussed on page no ...



Maps

This is the interface of our map.

It has a search bar on the top which can search for places as you type in it. It also gives suggestions while you type. Clicking enter will get you to that location.



this icon is called the nearby icon. It provides you with details of every noted thing on internet which is near you. So that you can get a clear idea of your nearby places and location.



this icon is called the Hospital icon. It provides you with details of all noted nearby Hospitals and Clinics available in that area.



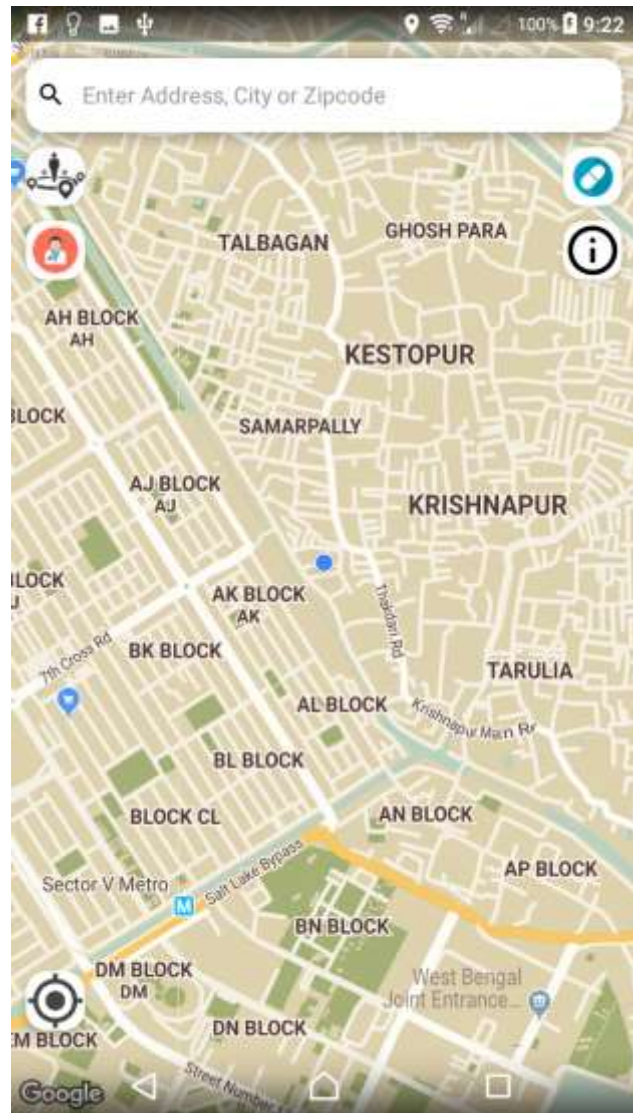
this icon is called the Pharmacy icon. It provides you with details of all noted nearby medical stores and pharmacy available in that area.



this icon gives details of the location searched on the map. Details such as postal address, phone number, email id, rating etc available on internet.



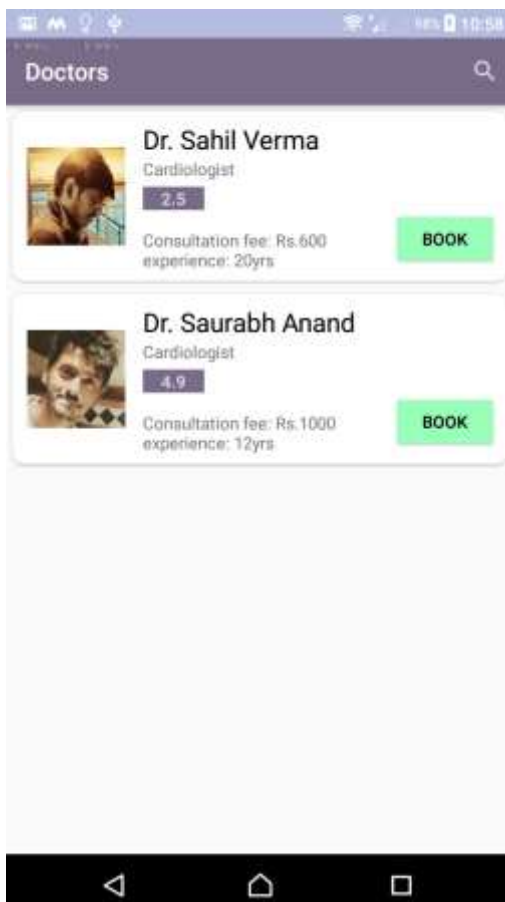
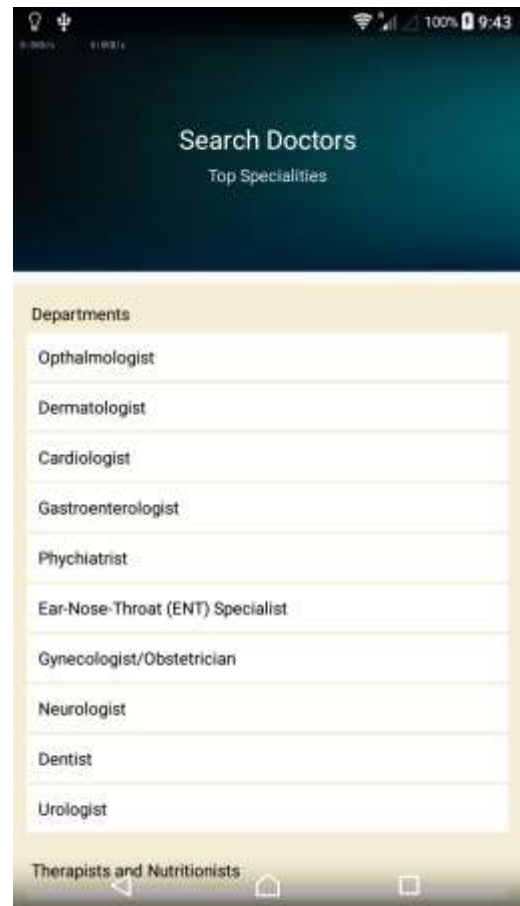
this icon brings the camera back to your present location.



Book Appointment

This provides a list of departments available for booking.

Select one and you will get a list of doctors specialized in that field.



This is the doctor's list.

It contains doctors with their brief information like their experience, consultation fee, etc and a button to directly call for booking appointments.

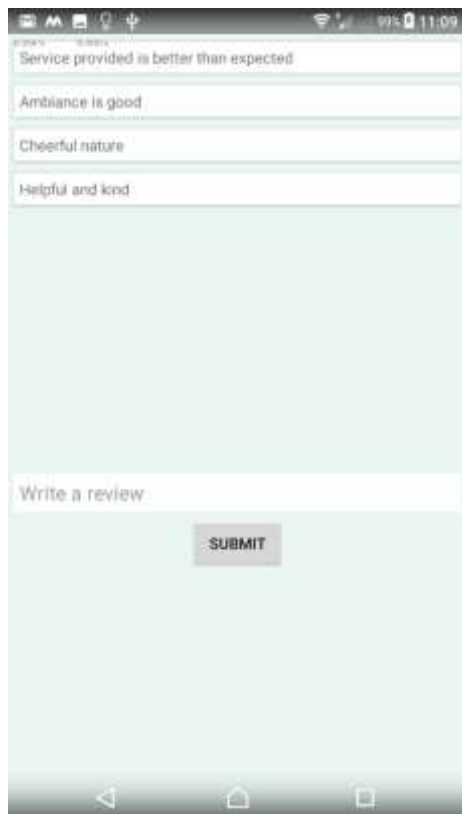
Touch the appropriate doctor for more details.

There is also a search option in the right top corner allows users to search through the list quickly.

This is the complete profile of doctor which includes their

- Department
- Rating
- Degree
- Experience
- Consultation fee
- Timing of availability
- Days of availability
- Address
- Distance of that address from user's current location
- Duration via road to reach that location

Users can book appointment by clicking the button "Call for booking an appointment"



Show review button allows user to post a review for that particular doctor. Users can get an idea of that doctor by going through their previous reviews.

EMR

Electrical Medical Report

This page lets user manage and view their reports and prescriptions all at one place.

View Prescriptions button displays your prescription list.

Reports button shows all your saved images such as X-rays, MRI scans and other medical documents.

The add to reports button lets user to select a document from gallery and save it in database.



Prescriptions

All the prescriptions written in MedCare will be listed here.

A brief detail of prescription is showed in this page.

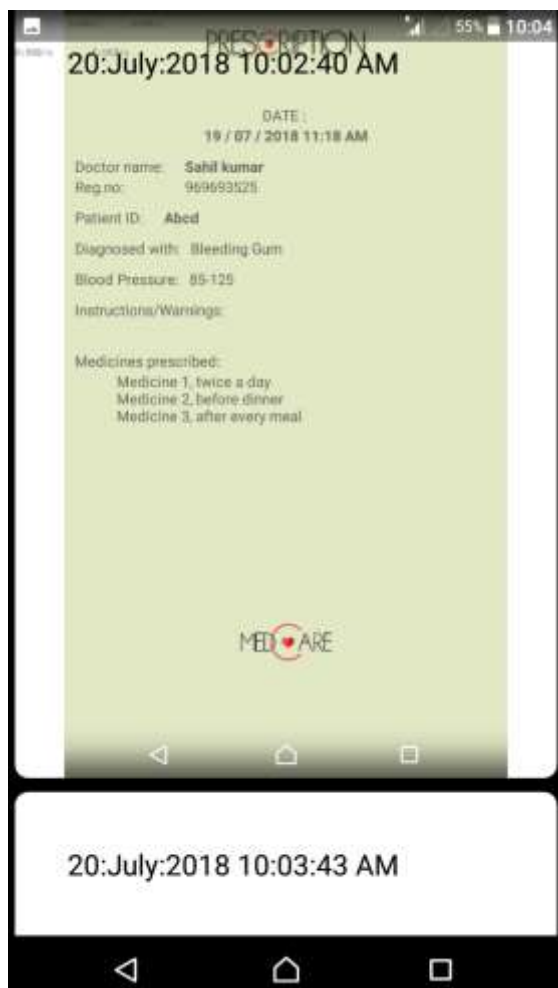
The prescriptions are arranged in order of the time they were written.

Touch on the appropriate prescription to get the full view of prescription.

Prescription Display

This is how a full prescription looks like in MedCare.

It's simple, easy to understand and robust.



Reports

This is how Reports Tab look.

Saved images will be tagged with date and time of upload in every picture and will be sorted accordingly.

It supports large images.

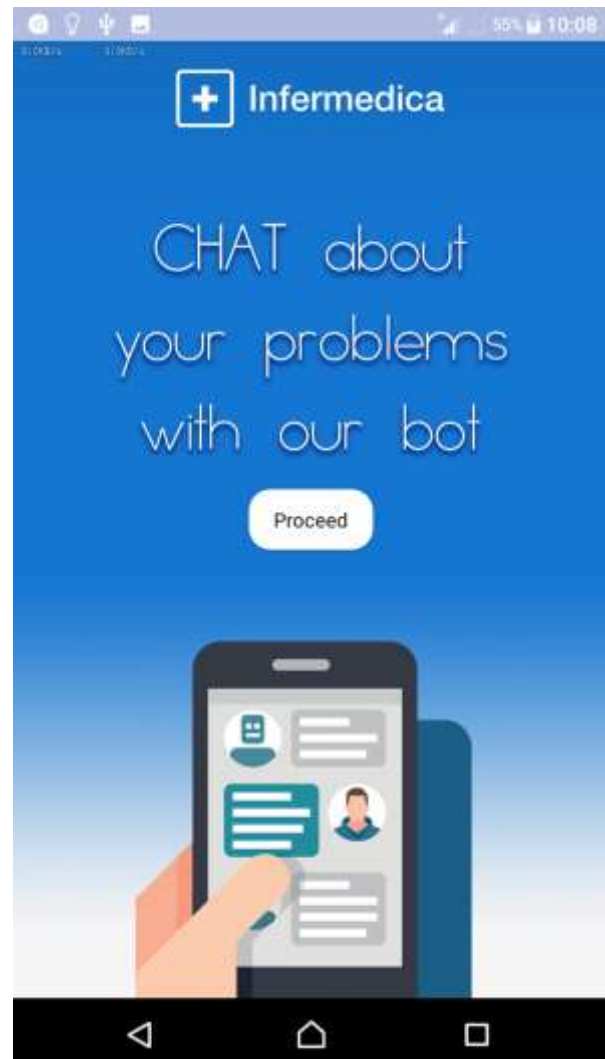
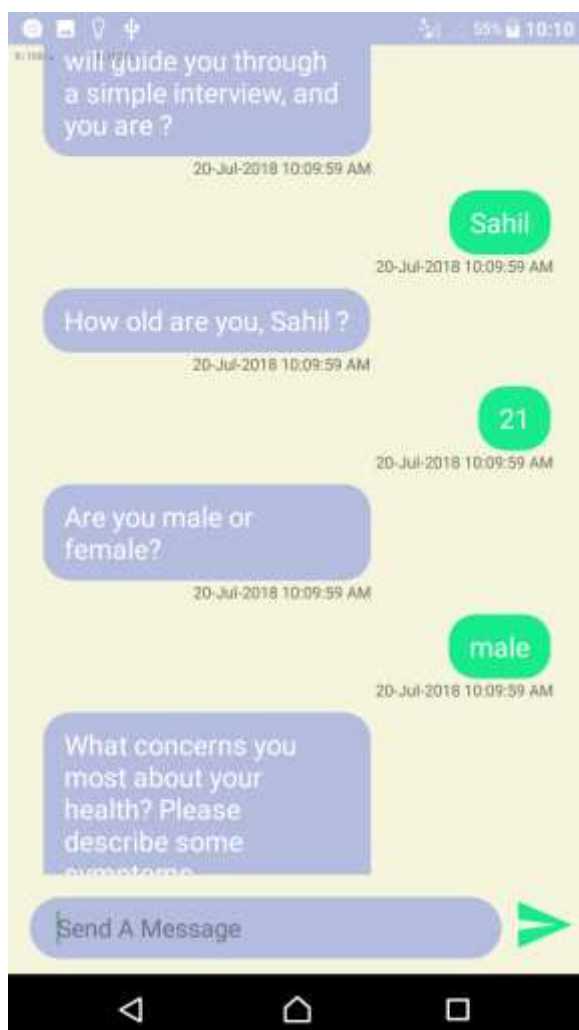
Chatbot

This is the chatbot we have introduced in MedCare. Since Doctors are not always available to respond to your instant queries, it gives you a brief information related to your symptoms.

Resource: Infermedica

The most advanced Symptom Checker and Medical Diagnosis API via Machine learning and Inference engine

Since Artificial Intelligence is the future, then why not introduce it in the most crucial field (Health Care).



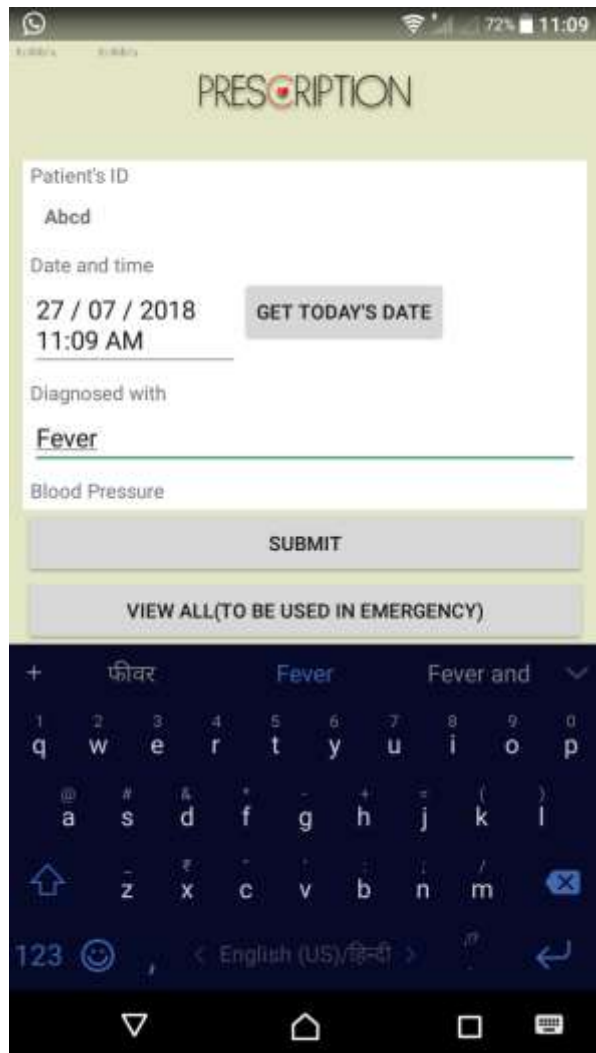
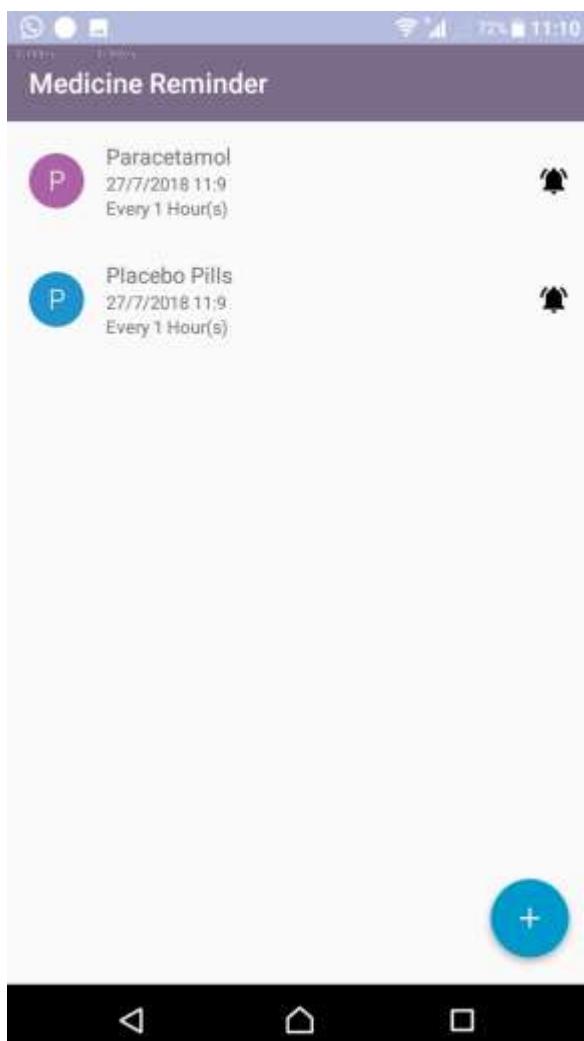
Give details to your chatbot and it will list you the medical term of your disease or cause.

This is implemented totally by json parsing so that no real computation is done in the client.

Write a Prescription

This is the screen meant to be filled by the doctor.

Here the doctor would write about your problem reviewed and medicines required.




Reminders

This is set reminder's page where users can set reminders about their appointments and medicines, along with their time intervals.

Users are notified by a notification in the notification bar and an alarm.

Offline First aid and Medicine library

Get all information about various first aid solutions and medicines and that too offline.



Medicine Name

Generic Paracetamol

About

Paracetamol (acetaminophen) is a generic pain reliever that is used to relieve a variety of mild aches and pains.

A staple in medicine cabinets around the world, Generic Paracetamol is the most common name in generic pain relief. Paracetamol is most commonly known to treat headaches, but can also be used for muscle aches, colds, fevers, backaches, tooth aches and even arthritis.

Paracetamol may also be marketed as:
Generic Paracetamol, Acetaminophen, Tylenol, Aspirin
[Read more](#)

Use

Paracetamol (acetaminophen) is a generic pain reliever that is made to treat minor aches and pains. Paracetamol works as both an analgesic and antipyretic to treat aches, pains and reduce fevers. Paracetamol is an over-the-counter favorite for millions of patrons worldwide based on its effective relief of common symptoms and the low risk of side-effects. Paracetamol is most commonly known to treat headaches, but can also be used for muscle aches, colds, fevers, backaches, tooth aches and even arthritis.

Dosages

Adults - Do not take more than 1 gram (1000mg) of Paracetamol with each dose, and do not exceed more than 4 grams (4000mg) daily. Do not take Paracetamol with alcohol. Those with alcohol abuse problems are advised to contact their doctor before taking this medication.



Abdominal Pain in Children

Amputation

Acetaminophen Poisoning

Alcohol Intoxication

Allergic Reaction

Animal Bites

Ankle Fracture

Asthma Attacks

Bee Stings

Bleeding

Blisters

Broken Finger

Bruises