HEALTHCARE ++

CSC COIN PROJECT

DOCMENTATION

Done by

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SSN College of Engineering

PROJECT DESCRIPTION

The purpose of this Project is to create a application for hospitals to showcase the Telecare concept for their patients. This application enables the Patient to get attached to the Hospital when they are outside like Home/Office. This Application serves all the basic needs of the patients like maintaining consultation reports, Booking appointments with doctor, paying bills online, and also efficient search for hospitals and near by pharmacy when needed. And it also has healthy notification facility to alert the patients about important schedules and remainders. Thus this project provides a complete Hospital Telecare facility to patients.

PROJECT DETAILS

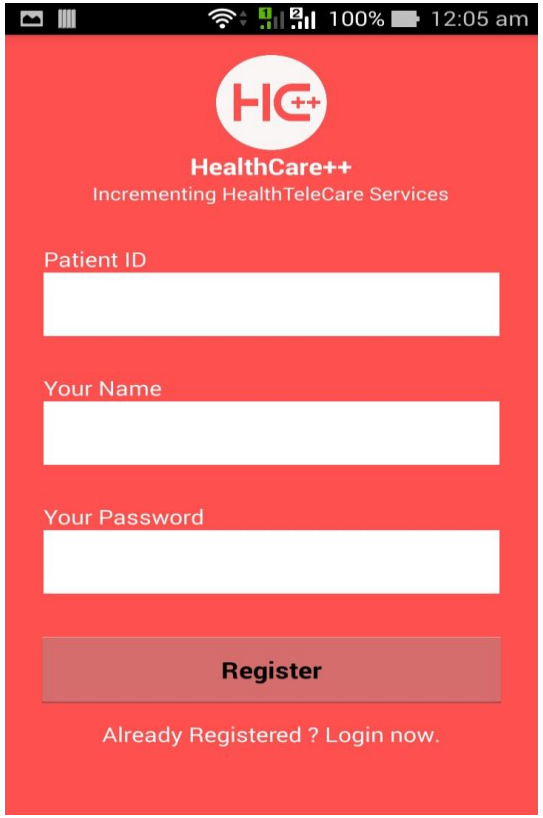
This Healthcare ++ Application provides the basic Hospital Telecare facilities to patients, which includes the following features like

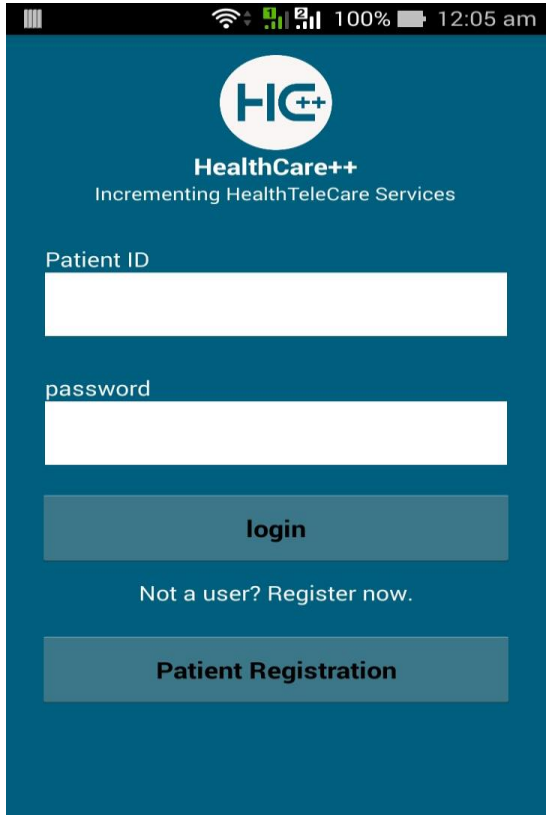
- Maintaining personal health records which is accessed via Biometric authentication.
- Helps in booking appointments with Doctor , also provides notifications about the scheduled appointments.
- Provides healthy remainder about scheduled Drugs as well as remainders to refill medicine.
- Helps in recording patients symptoms like blood sugar, BP, fever, pain, headache, body pain etc.
- Helps in ordering Refill medicine when the patient is near by and also enables to make online payments which is authenticated by Biometrics.
- Provides a efficient search of nearest Hospitals and Pharmacy using Mobile GPS.

HEALTHCARE++

ANDROID APP

REGISTRATION & LOGIN

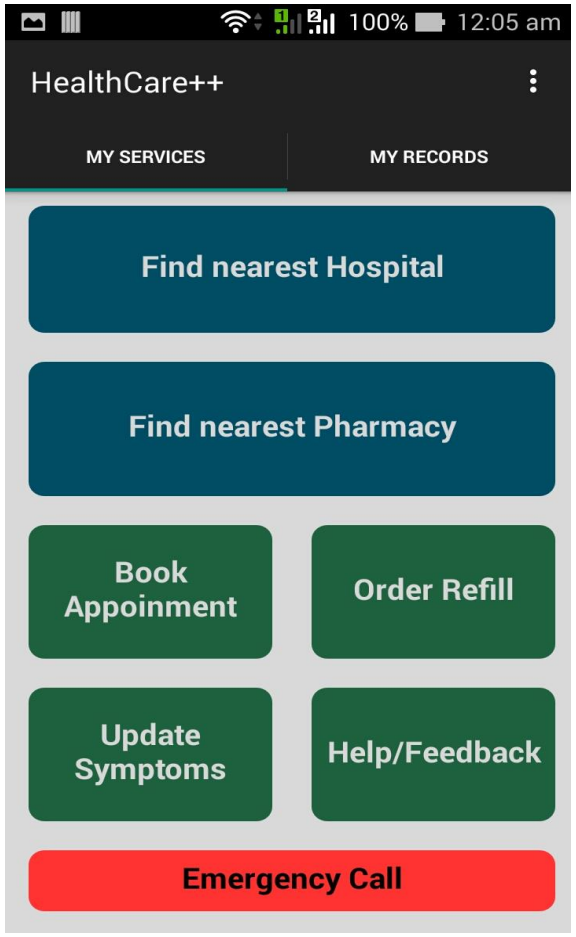


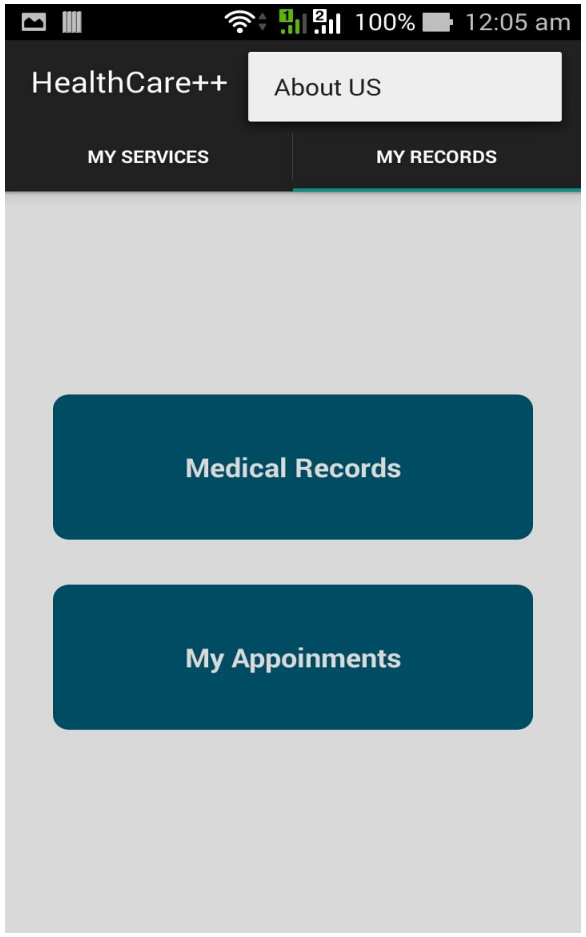


For Testing Purpose

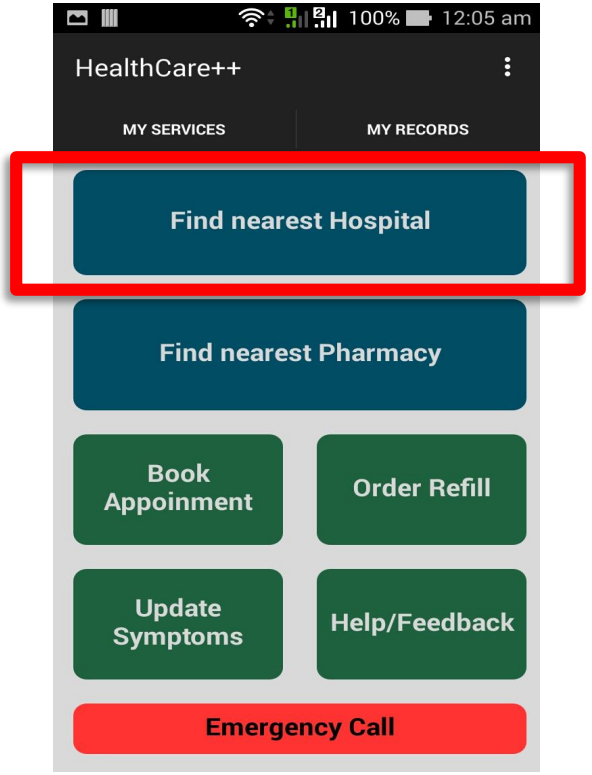
Patient ID : 1234 Password : lok

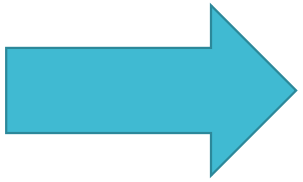
BASIC User Interface

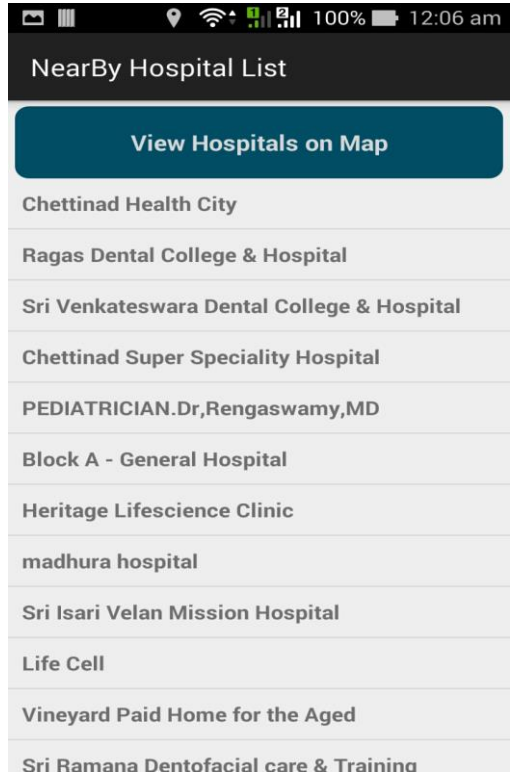


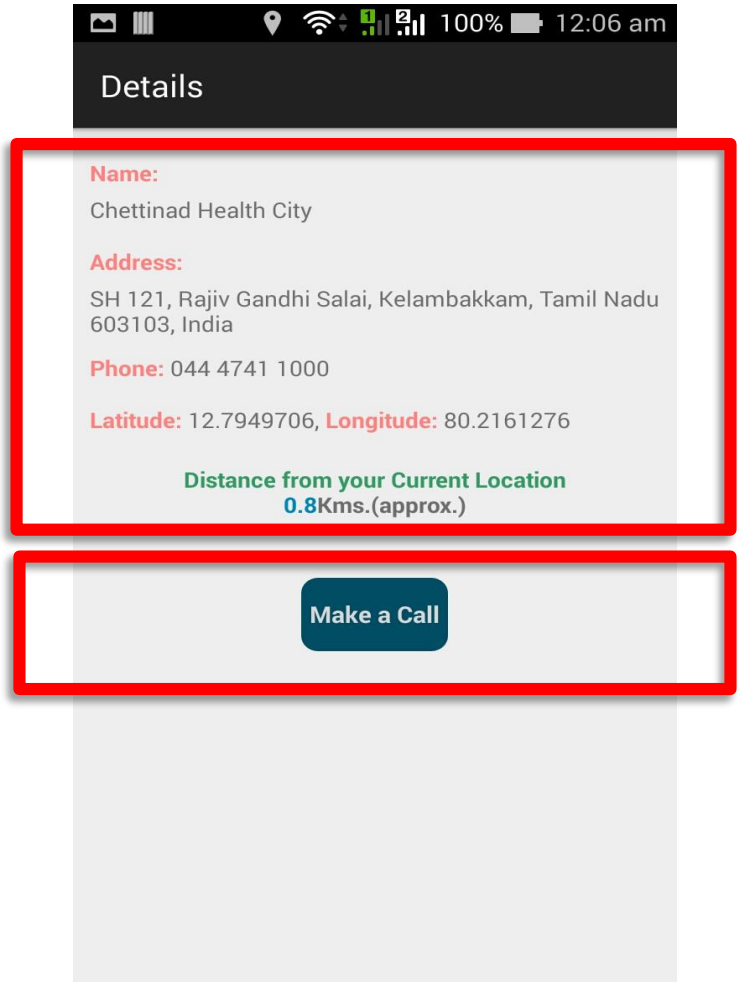


Viewing Near by Hospitals





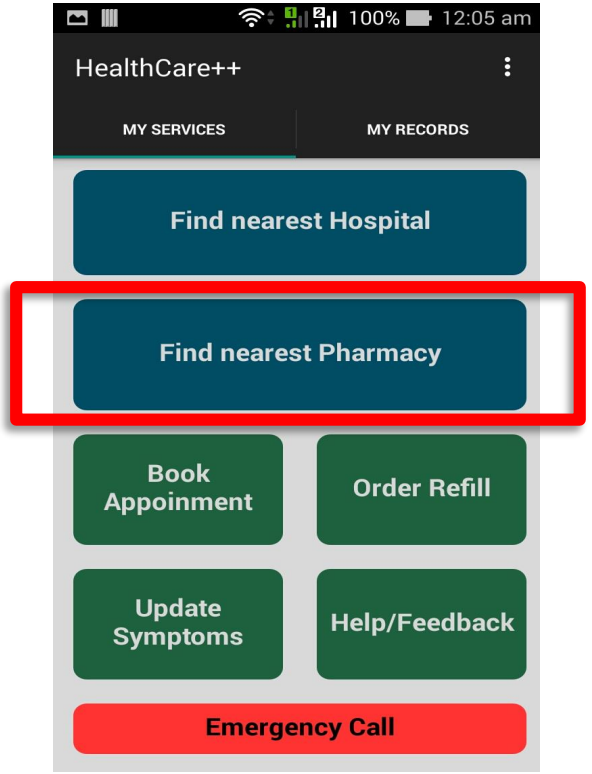


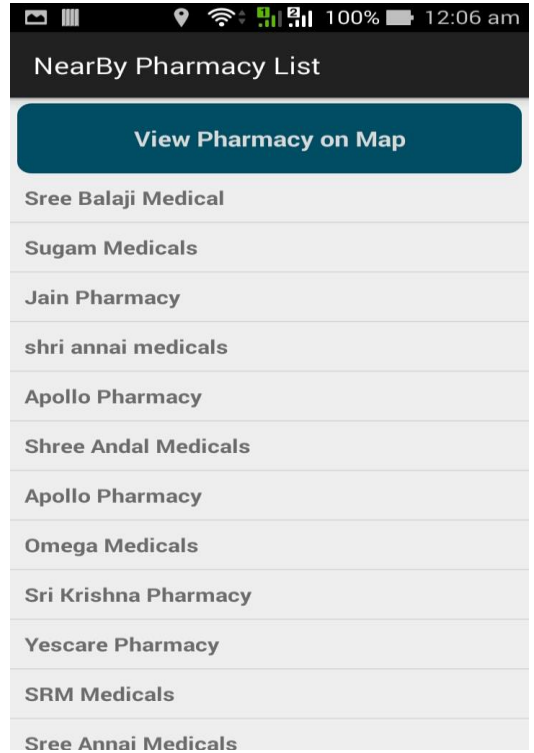


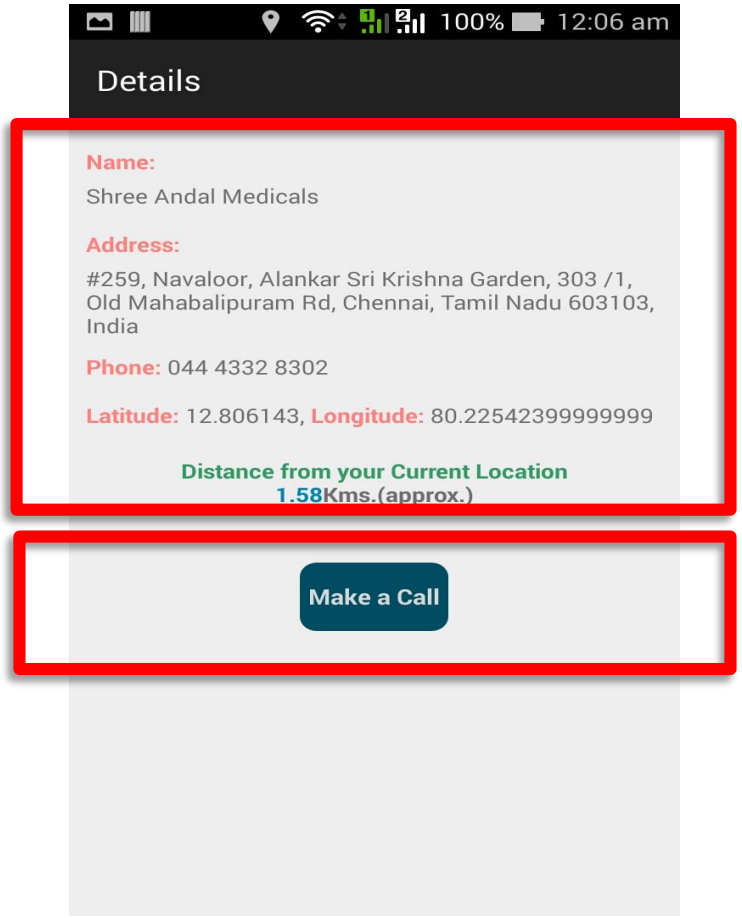
Hospital Details with Approximate Distance Calculations from current place.

Make a Call Option to Directly make a call to the Hospital.

Viewing Nearby Pharmacy



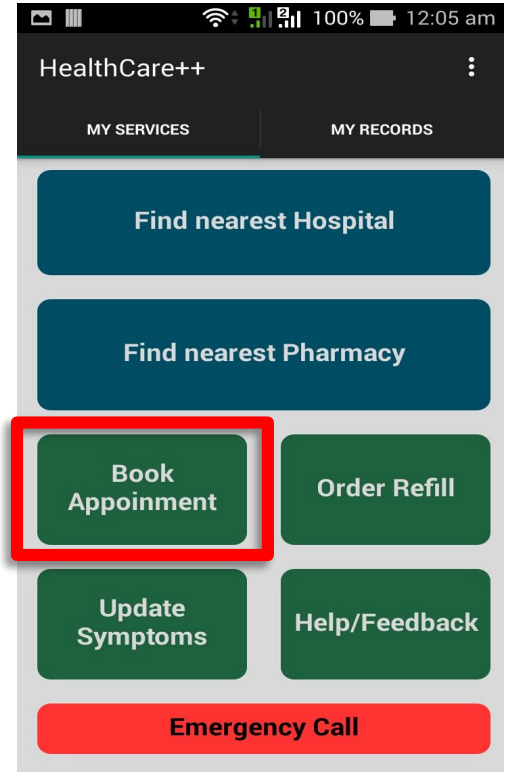


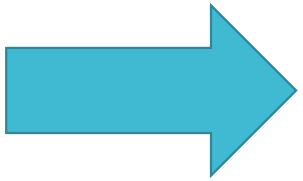


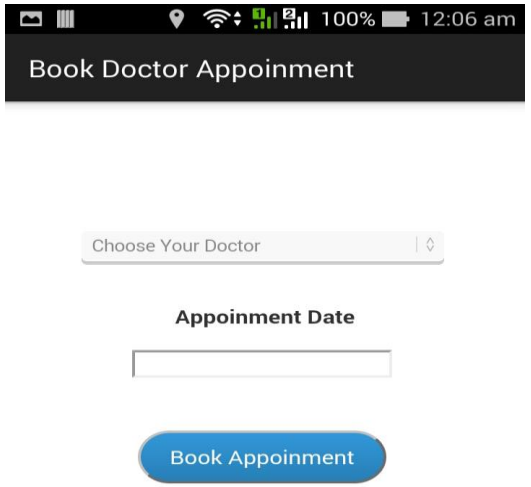
Pharmacy Details with Approximate Distance Calculations from current place.

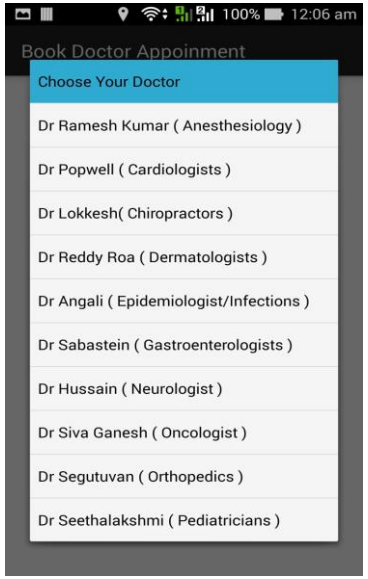
Make a Call Option to Directly make a call to the Pharmacy.

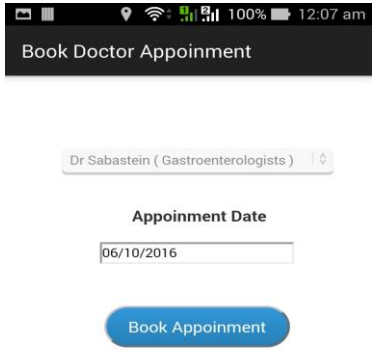
Booking Doctor Appointments

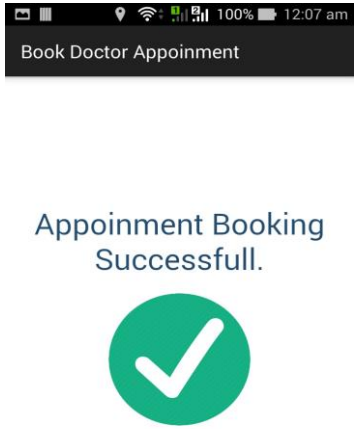






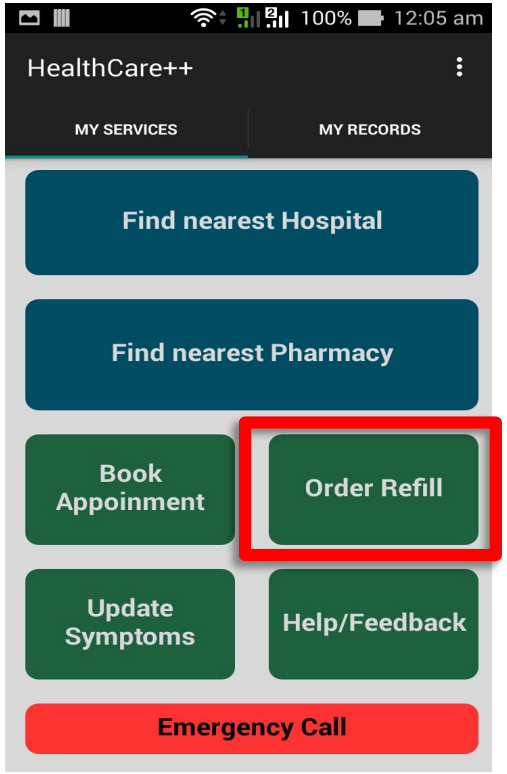


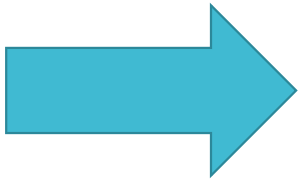


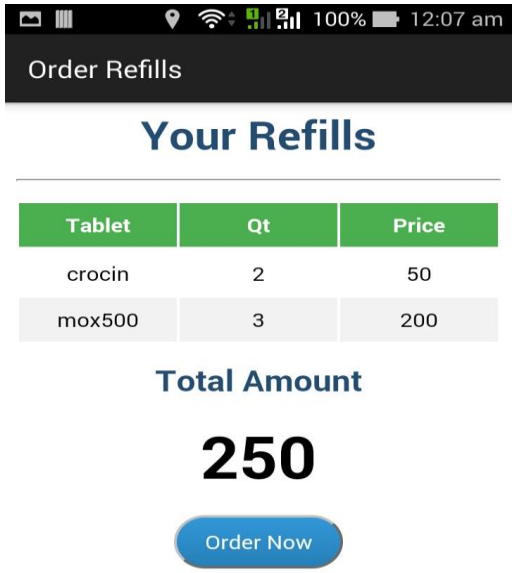


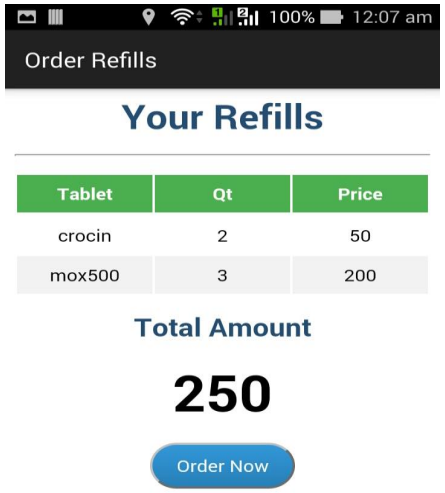
Patient chooses the Doctor Name and Appointment Date. On submit the Appointment is booked and details are recorded in the hospital database.

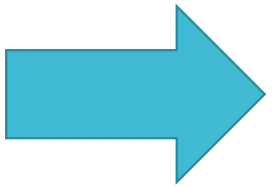
Ordering Refills Online

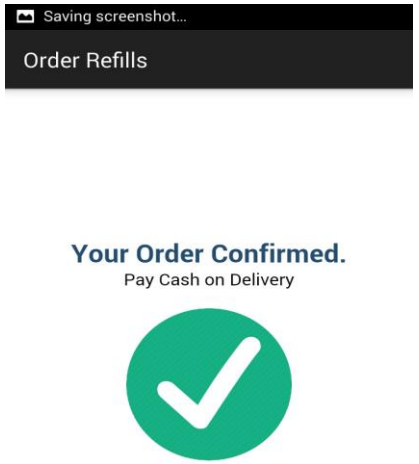






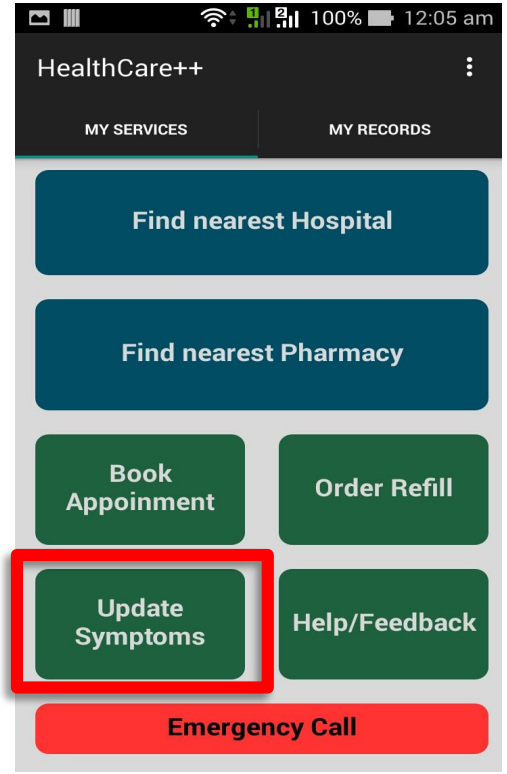


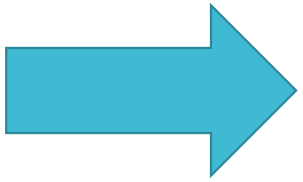


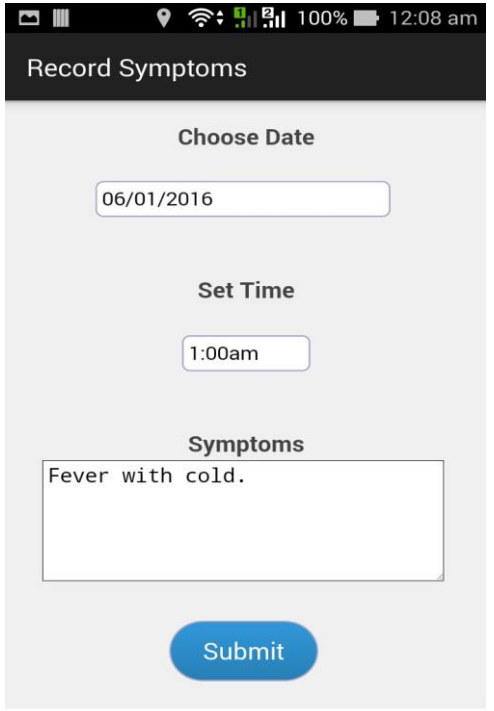


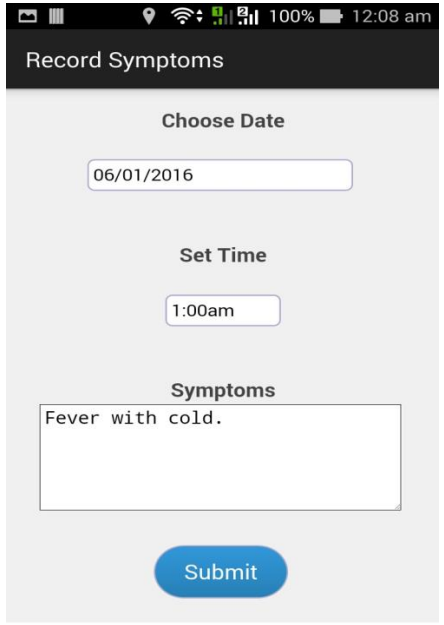
The Refill for specific Patient ID is listed. On Clicking " **Order Now** " the order for the Refills will placed and will be notified to the user.

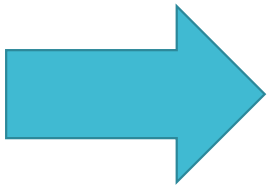
Updating Symptoms

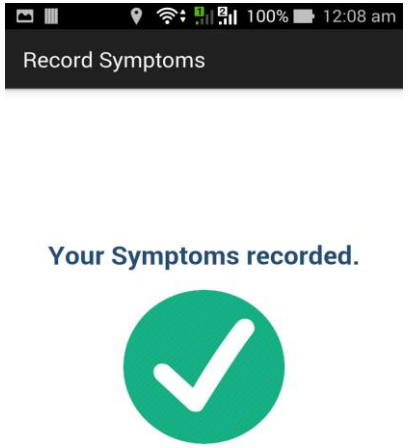






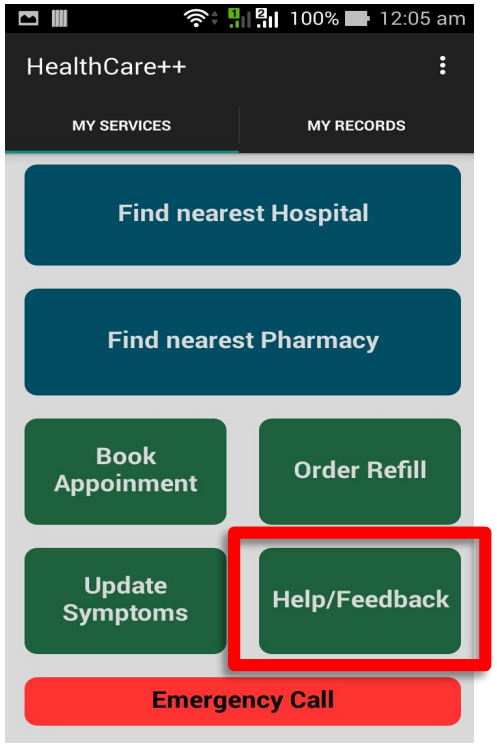


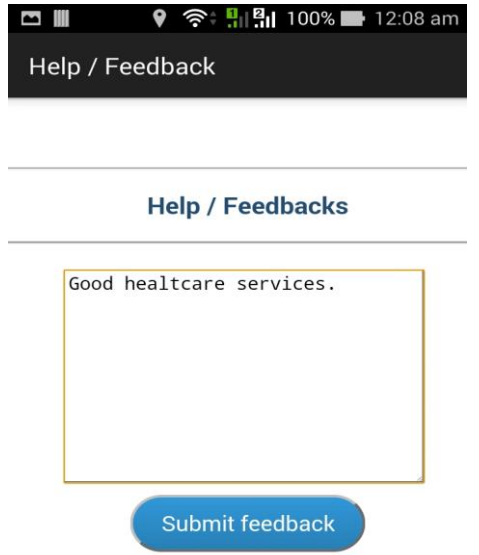




Patients records his/her **symptoms** with Date and Time.

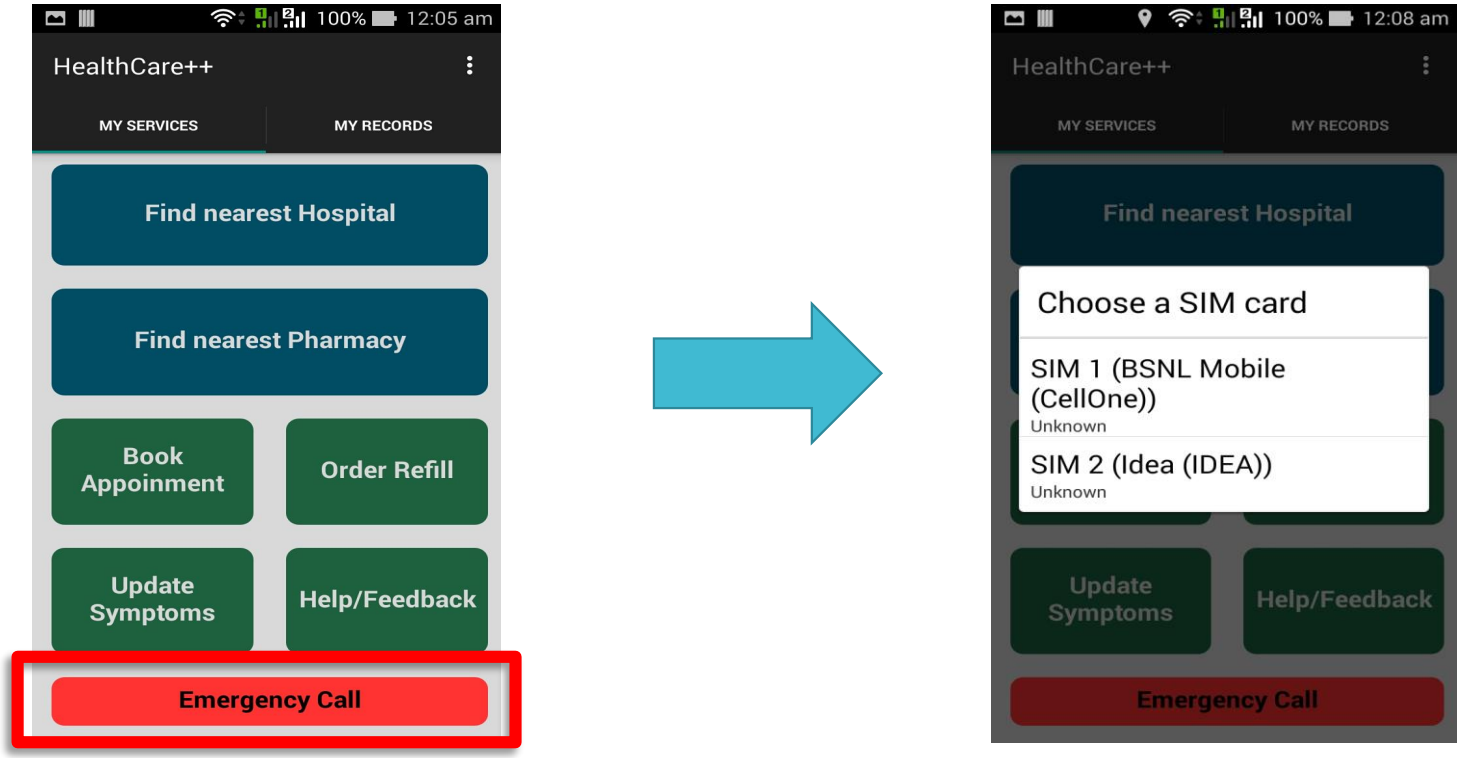
Help / Feedback System





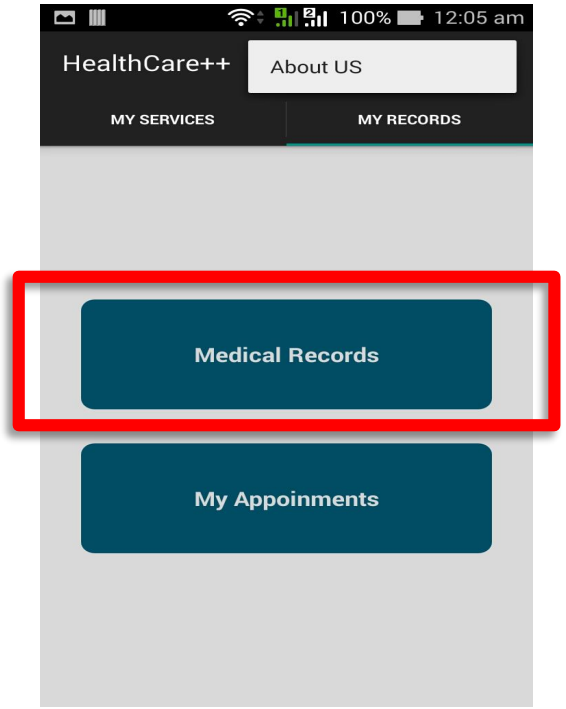
Patients Records the **Feedback** of the Services.

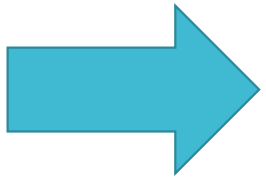
Emergency Call

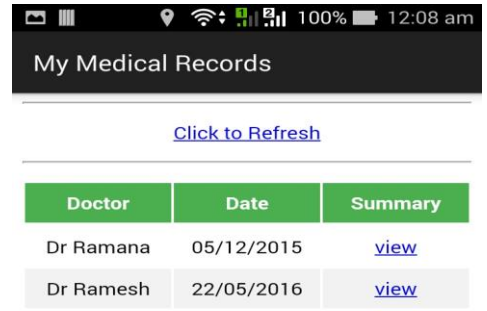


Here it makes a **emergency call** to the prescribed number.

Listing Patients medical Records

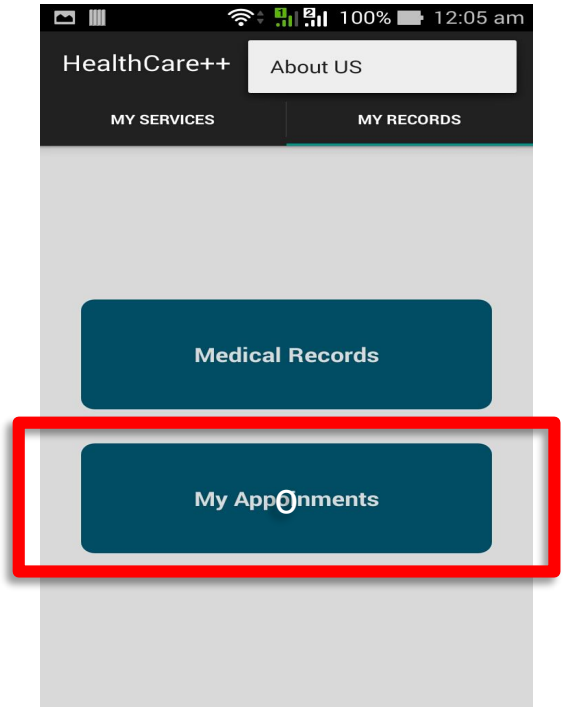


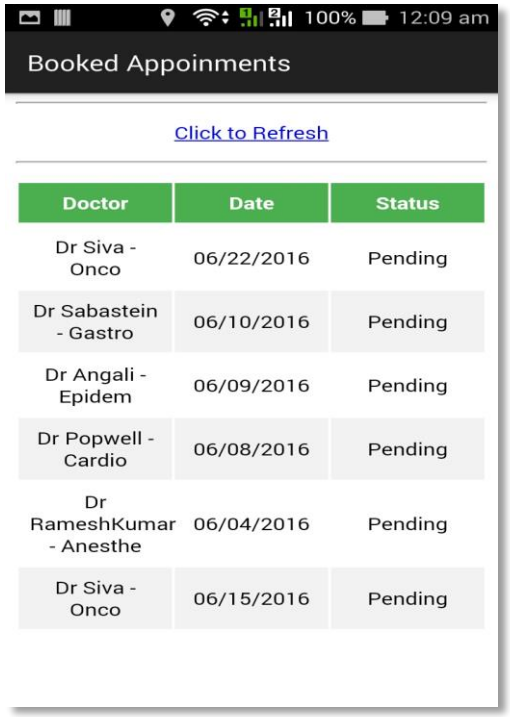




Here it Lists the Complete Medical Records of the Patient. The Summary link gives the Complete Record information.

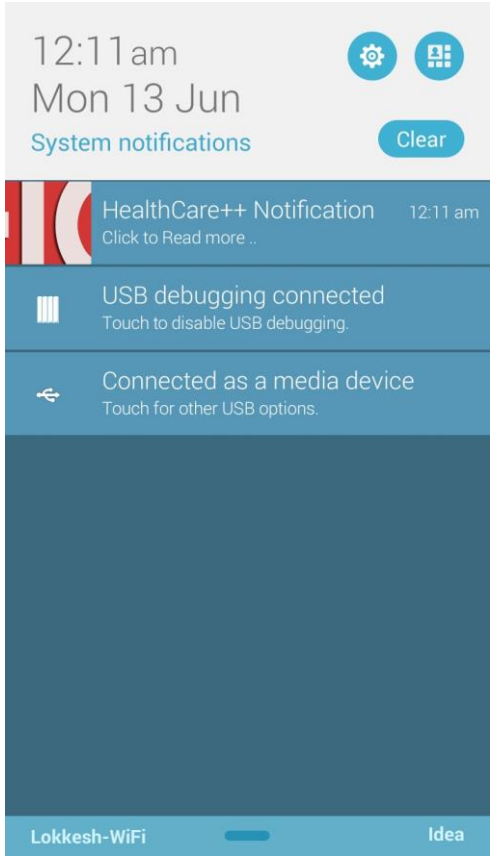
Listing Appointments Made by the Patient

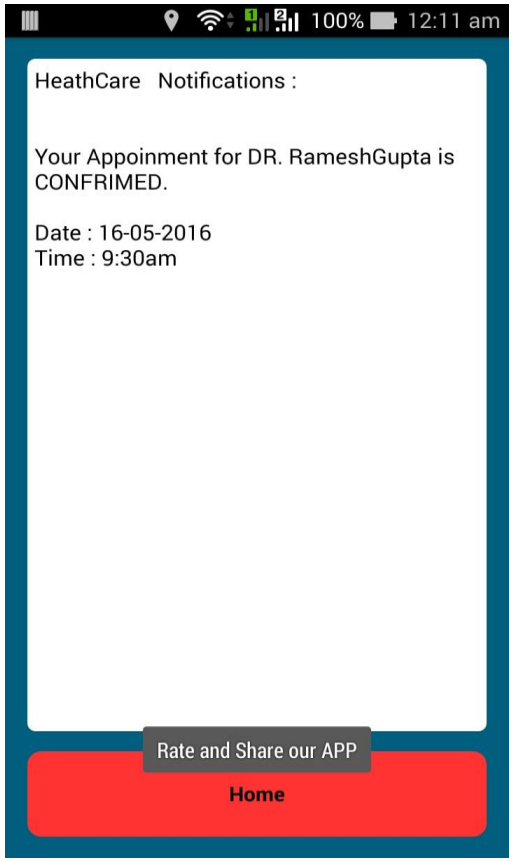


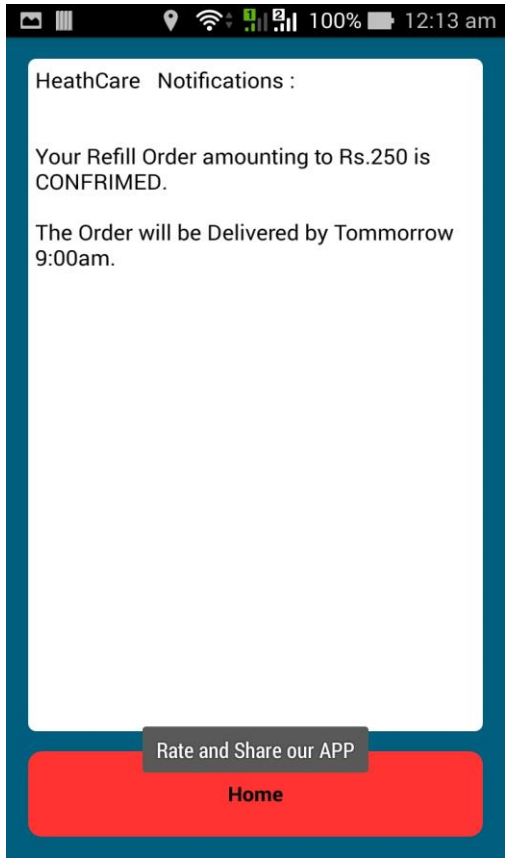


Here it Lists the Complete Medical Records of the Patient. The Summary link gives the Complete Record information.

Receiving Push Notifications





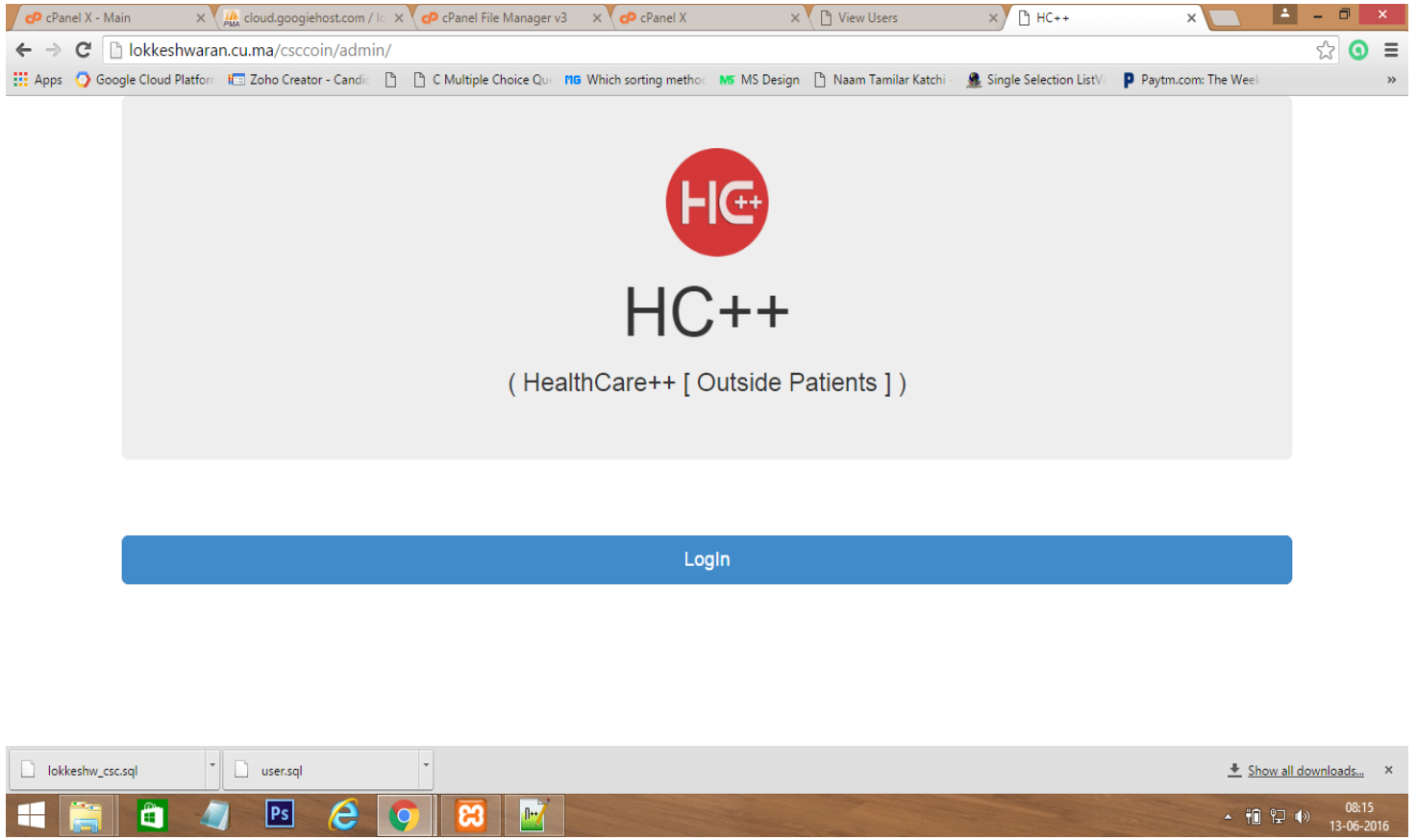


HC++ App is Configured with Push Notification Services.

HEALTHCARE++

ADMIN PANEL

Logging into Admin Panel.



For Testing Purpose

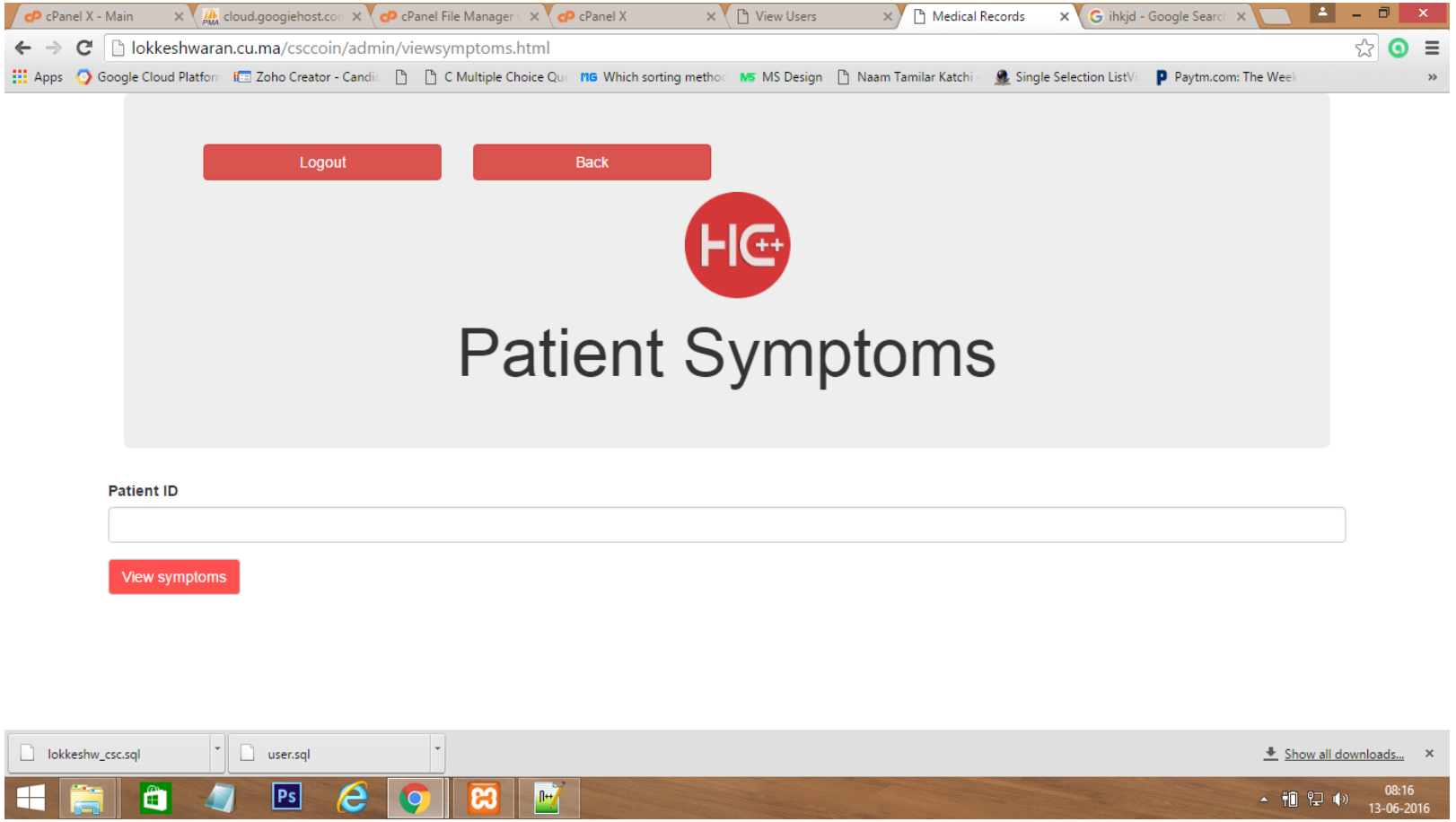
Email: admin@csc.com Password : csc

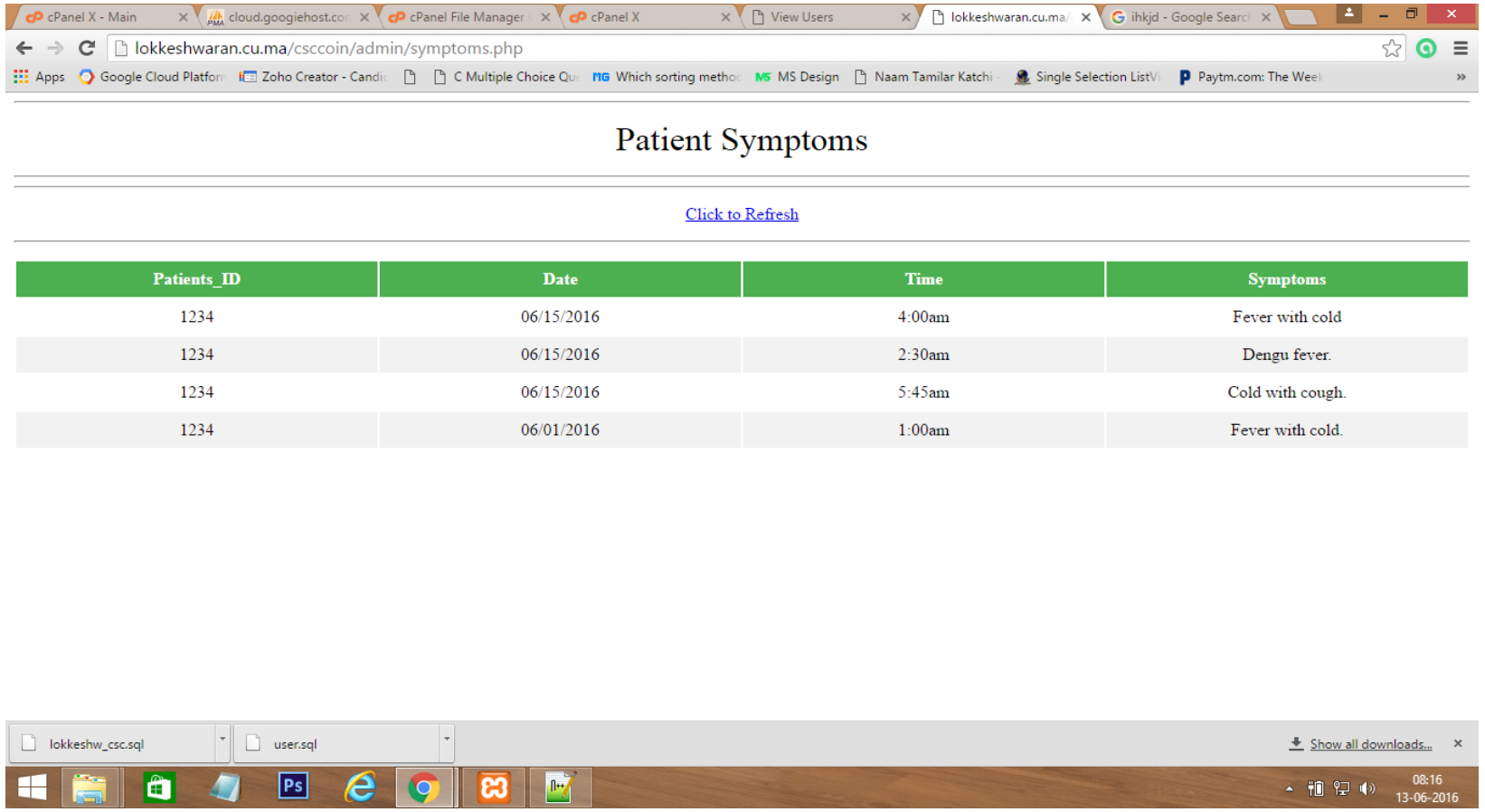
HealthCare++ Services

Viewing Patient Medical Records

The Patient Medical Records corresponding to the Patient_id given is Listed

Viewing Patient Symptoms



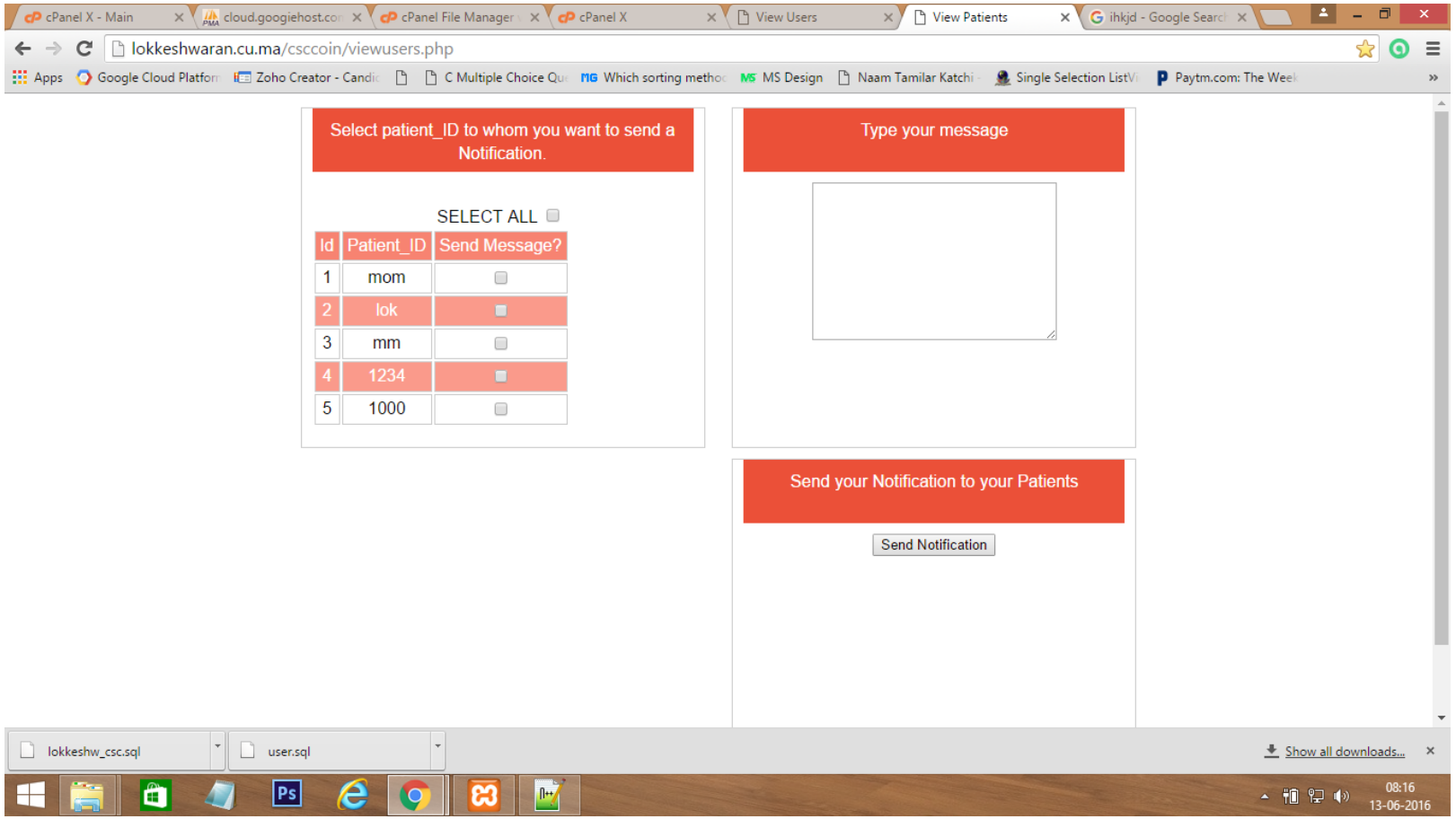


The Patient Recorded Symptoms corresponding to the Patient_id given is Listed

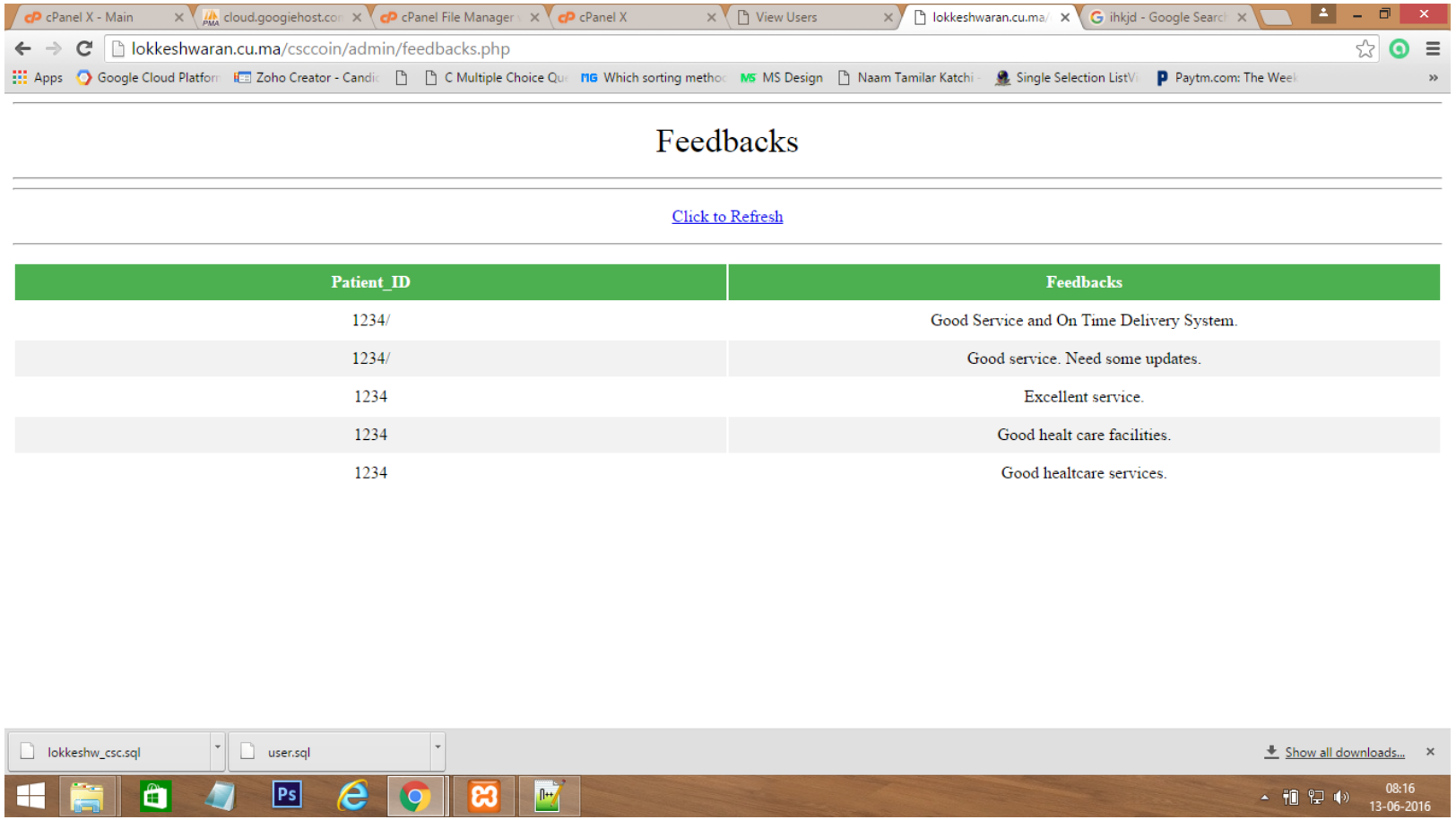
Viewing Booked Appointments

Viewing Refill Orders

Sending Notifications to Patients



Viewing Feedbacks



APK & Source Code

https://github.com/CSC-ORG/Hospital-Telecare-for-Patients-outside-Hospital-Premises-

Google Drive Link for Project files

https://drive.google.com/open?id=0B8Z_pxjWxBOtflJkN2FGUkx6SzRvdllsUW9QMUQzRGZNSWxqYnhhaUxMX3ItaFM3OGFvelU