

Health For All

Health for all is a med-help app with the central idea of facilitating especially the doctors to get the case history of the patient along with the test reports and medications prescribed. This can be a great aid in determining the future course of medications. The app contains one account for patient, one for doctor and one for hospital. For every doctor and hospital a corresponding profile containing the designations and visiting hours of the doctors are made available. The core idea is to provide a unique identity to each patient like a birth certificate so that every small ailment is accurately recorded and taken care of.

Proposed Advantages:

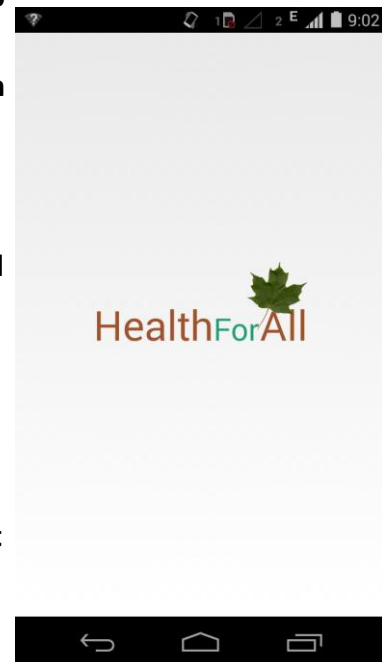
- Can be a great alternative to present manual case keeping strategies. Also, since everything can be fed, the patient is saved the trouble of searching through all previous documents like reports and case papers.
- This can be a great way to preserve the case histories of thousands of people.
- The app contains a feature of referring to doctor for major ailments. In future, it can be used to send email notifications to doctors about who is referred to by which doctor at what hospital.
- Can be used to monitor vaccinations for infants. Can also be used by paediatricians to predict which medicines would produce best results assessing the previous medications.
- Since all hospitals are enrolled along with the doctors, we can introduce more transparency and speed in tackling the issues of the health department.
- Uses simple MySQL database to store data. Hence, data fetching is quicker.

Future Scope

- All government, trust and private hospitals can have accounts, thereby quickly searching the nearby hospitals.
- SMS system can be introduced for vaccination systems.
- Can be made into a full fledged case keeping method.
- Can be extended to preserve details like eMamta profile for ladies, children healthcare programs.

The app:

Health for all is a UI oriented app where all details are fetched from the remote server. The app currently functions on localhost and ip address 192.168.43.9 . The app runs on a local machine with wamp server. The database can be efficiently translated to a new domain, requiring minimal changes in the app. The app runs on android platforms 2.3 to the latest. The app has been tested and verified to be working for the mentioned platforms. On the server side, simple PHP scripts provide communication link between the android and database architecture. The app contains a root account capable of adding doctor and hospital accounts while the hospital can directly add patient and cases. Internet/ Wi-fi connectivity is essential for the app to function since the app store minimal login details in android and thereby is extremely compact with space requirement < 1.5MB.

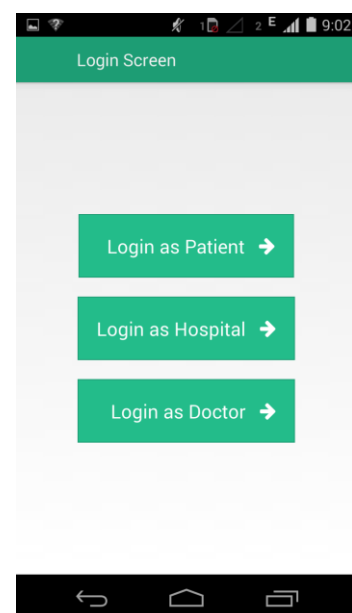


Present State:

Since, the app works on only local machine, data may not be available without the server being on.

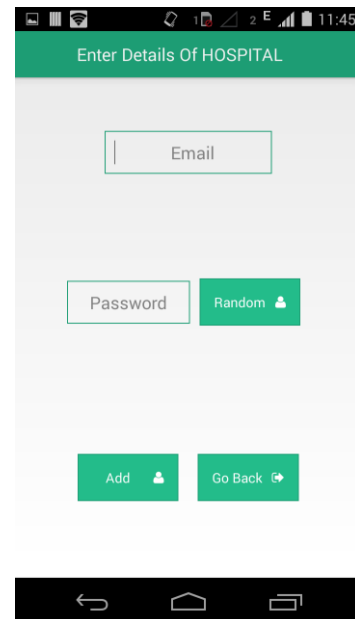
Features:

1.)Login: Can login through any option of the three.



2.) Adding hospital and doctor accounts.

To root user can add doctor and hospital accounts while generating random passwords. These can be communicated via mail or SMS to the corresponding hospital or doctor.



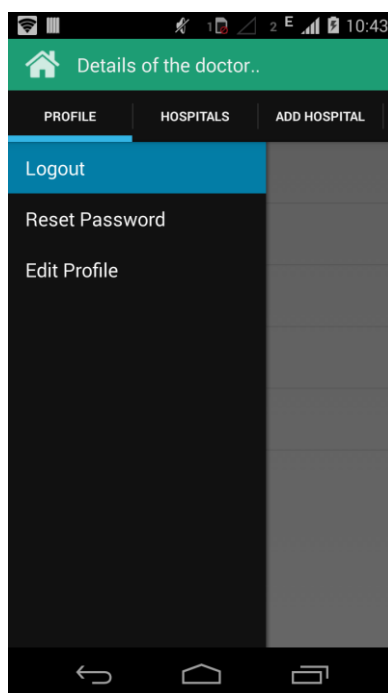
The screenshot shows a mobile application interface for adding a hospital account. The title bar is green and says "Enter Details Of HOSPITAL". Below the title bar, there is a form with the following fields and buttons:

- An "Email" input field.
- A "Password" input field and a "Random" button with a person icon.
- An "Add" button with a person icon and a "Go Back" button with a back arrow icon.

The bottom of the screen shows a black navigation bar with three white icons: a back arrow, a home icon, and a recent apps icon.

3.) The Home Button

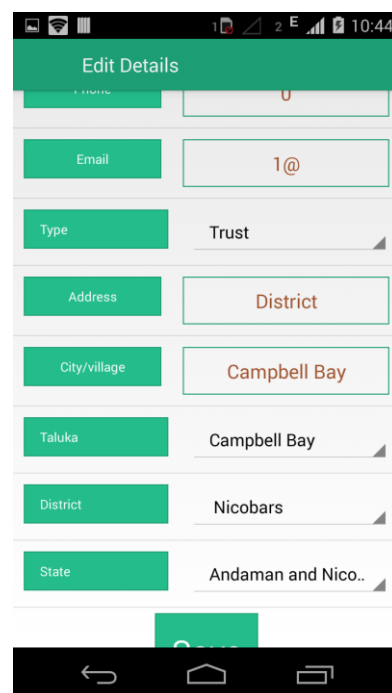
The home button opens up a drawer containing options for logging out, editing profile and resetting the password. For hospitals, all talukas, districts and other details are contained in the online database.



The screenshot shows a mobile application interface for a doctor's profile. The title bar is green and says "Details of the doctor..". Below the title bar, there is a navigation bar with three tabs: "PROFILE", "HOSPITALS", and "ADD HOSPITAL". The "PROFILE" tab is selected and highlighted in blue. Below the navigation bar, there is a dark grey drawer menu with the following options:

- Logout
- Reset Password
- Edit Profile

The bottom of the screen shows a black navigation bar with three white icons: a back arrow, a home icon, and a recent apps icon.



The screenshot shows a mobile application interface for editing a hospital's details. The title bar is green and says "Edit Details". Below the title bar, there is a form with the following fields and buttons:

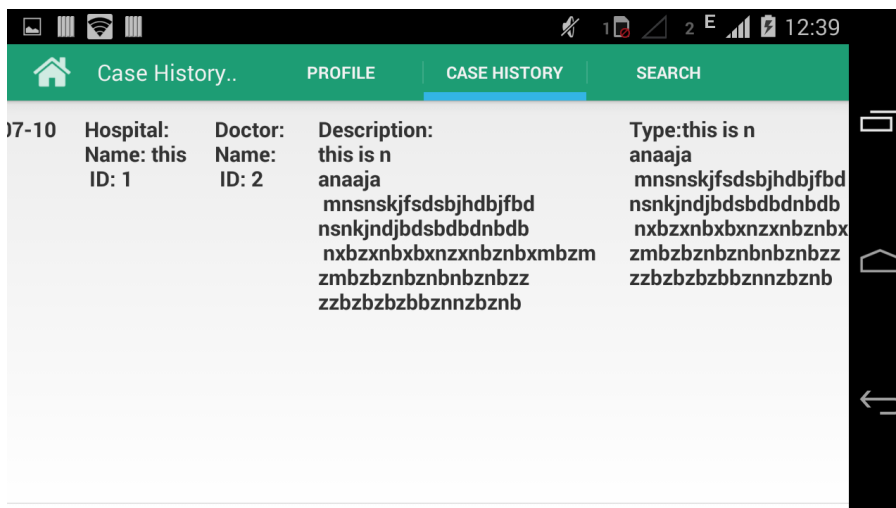
- An "Email" input field.
- A "Type" dropdown menu with "Trust" selected.
- An "Address" input field.
- A "City/village" input field.
- A "Taluka" dropdown menu with "Campbell Bay" selected.
- A "District" dropdown menu with "Nicobars" selected.
- A "State" dropdown menu with "Andaman and Nico.." selected.

The bottom of the screen shows a black navigation bar with three white icons: a back arrow, a home icon, and a recent apps icon.

4.) The profile view

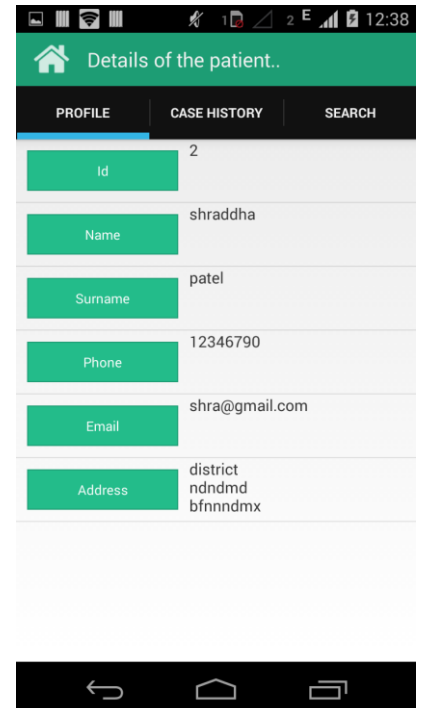
The profile contains all the details regarding the patient/doctor/hospital.

a.) For the patient it also contains the case histories of all the corresponding patient sorted according to newest on the top.



This screenshot shows the 'Case History' screen of a mobile application. The top navigation bar is green with a home icon and the text 'Case History..'. Below this, there are four tabs: 'PROFILE', 'CASE HISTORY' (which is selected and highlighted in blue), and 'SEARCH'. The main content area displays a list of case history entries. The first entry is for '17-10' and includes details for a hospital, doctor, description, and type. The text is somewhat garbled but appears to be placeholder or test data.

	Hospital:	Doctor:	Description:	Type:
17-10	Name: this ID: 1	Name: ID: 2	this is n anaaja mnsnskjfsdsbjhdbjfb nsnkjndjbsbdbdnbdb nxbzxnxbxnznxbznmbzm zmbzbznbnbnbnbnzz zzbzbzbzbbznznbn	this is n anaaja mnsnskjfsdsbjhdbjfb nsnkjndjbsbdbdnbdb nxbzxnxbxnznxbznbn zmbzbznbnbnbnbnzz zzbzbzbzbbznznbn



This screenshot shows the 'Details of the patient..' screen. It has a green header with a home icon and the title. Below the header are three tabs: 'PROFILE' (selected), 'CASE HISTORY', and 'SEARCH'. The profile information is displayed in a list of fields, each with a green label and a corresponding value. The fields include Id, Name, Surname, Phone, Email, and Address. The values are also placeholder or test data.

Field	Value
Id	2
Name	shraddha
Surname	patel
Phone	12346790
Email	shra@gmail.com
Address	district ndndmd bfnnndmx

b.) For hospitals, it contains interface to add patient and case. It also contains the details of all the doctors working in the hospital and their designation.

The first screenshot, titled 'Details of the hospital..', shows a form with fields for Id (9), Name (vsbshs), Phone (0), Email (1@), Address (Trust), Type (District), City/village (Campbell Bay), and Taluka (Campbell Bay). The second screenshot, titled 'Add new case', shows fields for Patient id (51), Doctor id, Ailment (diahorea), Ailmenttype (ENT), Medication (antiseptic), Referred to (1), and Minor/Major (major), with a 'Save' button. The third screenshot, titled 'Details of doctors..', shows a table with columns Doctor, Designation, and Timings, containing one entry: shraddha, cardiologist, visiting.

Doctor	Designation	Timings
shraddha	cardiologist	visiting

c.) For doctors, an interface to add the hospitals to his profile is added. Also, all the hospitals he/she is currently working in is also mentioned.

The first screenshot, titled 'Details of hospitals served in..', shows a table with columns Hospital, Designation, and Timings, containing one entry: PHC, cardiologist, Visiting. The second screenshot, titled 'Add hospital', shows fields for Hospital (9), Designation (cardiologist), and Timings (Visiting), with an 'Add hospital' button.

Hospital	Designation	Timings
PHC	cardiologist	Visiting

5.) Search View

The hospital and doctor can search any hospital, patient or doctor by their email id or unique ids. The liberty of searching any fellow patient is not made available to any patient.

