

Chapter 6

Modules

MODULES

Heal Helping Hand (HHH) provides a noncommercial and free platform for Indian patients to search from a very long list of health-care providers. HHH innovates to simplify the laboratory diagnosis process at every step: From the design of our test menu, to our logistical network and customer service and finally to our reports, HHH innovates to provide a unique and efficient set of laboratory tests and panels in order to drive immediate clinical decisions.

This is where health information managers and health managers need to resolve the many challenges associated with eHealth implementations where data are assets, efficient information flow is essential, the ability to acquire new knowledge desirable, and where the use of data and information needs to be viewed from a governance perspective to ensure reliable and quality information is obtained to enhance decision-making.

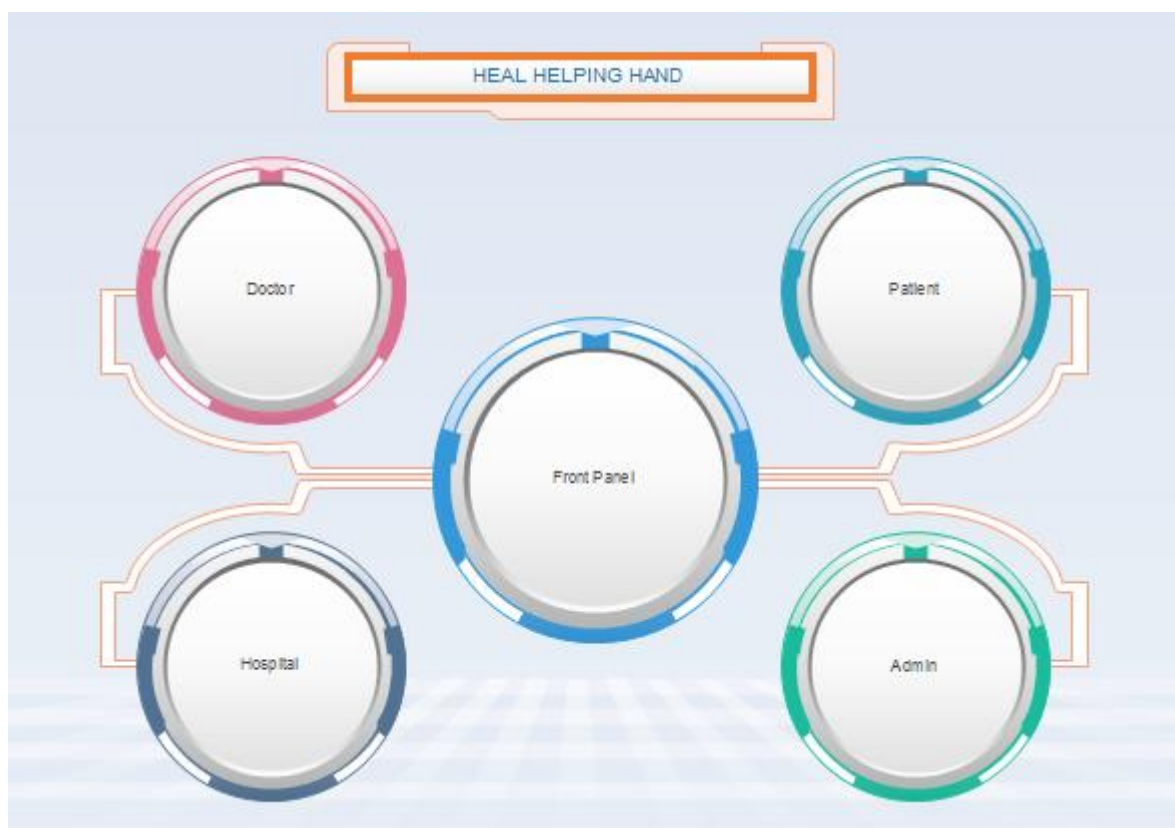


Figure 6.1 : Modules of Heal Helping Hand

6.1 Admin Panel

HHH is passionate about helping Doctors deliver better patient care. Our products are designed to make managing clinics a breeze. We empower Doctors with critical patient information anytime, anywhere so that they can make better decisions for patients. We pride ourselves for being super focused on the basics - Ease of use, honest pricing, great service, and respect for trust that Doctors place in us.

1. Hospital Details

This module will provide the details of the hospital. The address, contact details, doctors available. It will also allow the Admin to Add, Edit or Delete the hospital information.

2. Health Vendor Details

Health checkups available at places other than a hospital will be detailed here. A list of all vendors, dispensaries and Gurudwaras providing free services will be listed here. The location, photograph will be available. The locations closest to the user can be selected by him for comparison.

3. Vendor Feedback

The user feedback obtained from all the people who visit the site will be displayed. The positive and negative feedback will decide the ranking of that place on the site.

4. Geo-location & 3D Tour

The actual location for that place will be made available dynamically through Maps. A very unique, personalised virtual tour would be at the hands of the user so that they can have a feel of the location and quality of services provided with their own eyes.

5. Tests possible

Vendors that tie up with Govt organisations such as the CGHS, etc will also show their respective offers.

6.2 Doctor Panel

Graphical representation is provided on each panel of the website so as to have the comparison ratios of each vital particulars of the modules.

1. Login Module by QR Code

Doctors are authenticated their presence by a QR code in an app. QR code (Quick Response Code) is the trademark for a type of matrix barcode (or two-dimensional barcode). A barcode is a machine-readable optical label that contains information about the item to which it is attached. A QR code uses four standardized encoding modes (numeric, alphanumeric, byte/binary, and kanji) to efficiently store data; extensions may also be used. This ensures the high level security of the data preserved by the doctors.

2. Data Interpretation

Progress Bar for Doctor's rating, Donut Chart according to positivity obtained on website, Area Chart for Consolidated Weekly Reports, etc are some of the tools for swift overviews. Interpretable, colour coded, interactive graphs make sense of large data.

3. Doctor Profile

The profile for a doctor has his name, profile photo, dedicated dashboard, specialised skills, timings of different attending venues, experience details will be specified clearly.

4. Chat Feature

The doctor can very easily chat with the patients who want a consultation. He can review the reports online, as attached by the patient. The chat is not saved anywhere so the privacy is very well maintained.

Heal Helping Hand Project has made a space to bring together the experiences from people using many different forms of health care. We will connect you with people across India who share conventional, complementary, alternative and holistic health information about their health facilities so that you can be informed, engaged, and empowered.

6.3 Patient Panel

This gives a unified platform to a common man to choose the best of all the options available around him. The usefulness of this website does not end here the patient can now have their reports online on their email and even on the website.

The payment option will be provided through PayPal to the patients for their health tests. The feedback of patients for particular doctors and patients will be maintained alongside.

1. Login Module by OTP

Patients confirmed their presence by correctly login by one time password(OTP). This ensures the high level security of the data preserved by the patients.

2. Data Representation

Some of the tools for swift overviews. Interpretable, colour coded, interactive graphs make sense of large data.

Heal Helping Hand (HHH) provides a non-commercial and free platform for Indian patients to search from a very long list of health-care providers.

We are also aiming to develop soon, a forum for patients anywhere to connect and build community while supporting each other. Our mission is to provide a free, noncommercial, online peer-to-peer resource that empowers individuals, communities and global underserved populations to better manage their health through sharing of health experiences, information, and support.

HHH strives to grade evidence-based outcomes from its community in order to give back new insights and enhance care.

Access to health information is fundamental to better health and has many benefits for patients and their families. This information increases knowledge about diseases and their control, enhances disease management and reduces patients' anxiety, as well as encouraging them to more actively participate in care, make better informed medical decisions and have better acceptance of medical advices.

6.4 Hospital Panel

Health Test Compare allows consumers to select hospitals, dispensary, path labs and directly compare performance measure and cost factor. Speech Recognition for Hospital login accessed through their Android phones poand authenticated using Speech recognition.

1. Login Module by Speech Recognition

Employees confirmed their presence by speech. Speech recognition will be done by the help of Google speech to text confirmation that checks with the word saved in the database. This ensures the high level security of the data preserved by the employees.

2. Uploading Of Reports

The reports are uploaded as soon as the test reports come in. The uploaded reports can then easily be available to patients by logging in their accounts.

3. Profile Alterations

The amendments are made by employees in the profile of respective hospitals, concerned doctors. These all are automatically updates to the attached panels through database.

4. Change Hospital Details

The geolocation can be updated, the video tour can be added or deleted, tests can be added and test prices are updated in a dynamic fashion.

The support to doctors and employees of hospitals/dispensary/Path Labs is also provided. The proper procedure of authentication will be provided for patients, doctors, employees, administrator(website).

With patients now receiving generally less than 15 minutes of face time with their physician during an average office appointment, any additional resource that enhances the patient-doctor relationship should be given serious consideration. Perhaps the time has come for doctors to throw out those old magazines that clutter up their waiting rooms and replace them with a bank of Internet-ready computers, preferably with a resource-rich website of their own set as the default homepage.

6.5 Front End

Graphical representation is provided on each panel of the website so as to have the comparison ratios of each vital particulars of the modules.

1. Test Details

This module covers the name of the Health treatment as required by a normal man along with their department. The divisions are like Radiology, Hormonal, Blood etc.

2. Comparative Prices

The list of different vendors providing the services and their prices will now be shown comparatively.

3. Filters On Health Test Providers

Hospitals/Dispensary/Path Labs are filtered on three bases: locality, alphabetically, availability on self referenced time.

4. Tests Offers

An exhaustive list of tests done at that venue with their exclusive prices and special combos will be available. Vendors that tie up with Govt organisations such as the CGHS, etc will also show their respective offers.

6.6 LEARN App

Language Education for Autistics with Responsive sound and Notes for children with autism or other speech defects can interact with the surroundings using the simple Android app with straight buttons.

1. Prompts users with questions to expand their sentences
2. Understanding of words, Interaction with words
3. Pronunciation of words , Depiction of words
4. Framing sentences from words and communicating through words
5. Download option of word for everytime access
6. Sharing of the depiction of words socially
7. Basic idea and concept of words
8. Talking calculator Assembles a map of pictures into a perfectly grammatical sentence
9. Simple settings for making folder size, text size, voice, and folders customizable.