Chapter 1

Introduction

INTRODUCTION

1.1 Heal Helping Hand

Heal Helping Hand 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.

You have questions. We promise answers.

For many years, the common Indian has gone on a frustrating hunt from doctor to doctor to find answers for a diagnosis. Even with access to modern healthcare, a background in medicine, and the choice for many opinions, the answers eluded him. He knows that not everyone has the same access to health care as he did. This experience was a glaring example of the lack of integration among medical sciences.

This ordeal sparked the idea of HHH, and a free, online portal available to all with the goal to:

- Improve access to health information
- Empower self-management of health conditions
- Promote health equality for people all over the world, regardless of geography or financial status
- Create Peer-to-Peer support communities for better health
- Dedicated blog for daily health tips and wellness articles
- Helping Hand towards Autistic children

Making healthcare more accessible to ALL is our dream goal. The freedom to make educated choices by obtaining full information from our site will enable the young and the old to better handle their health. HHH is dedicated to those who seek answers for their health questions. HHH is dedicated to making health care information available to those all over the world. HHH is dedicated to building communities that help promote wellness and empower those who have questions.

1.2 Mission

Heal Helping Hand (HHH) provides a noncommercial 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.HHH supports autistic children to fight with their disabilities and simplifies the truth of acceptance.

1.3 Features

Features of Heal Helping Hand:

1. Interactive User Interface.
2. Graphical Interpretation of each comparison notion on each panel
3. Integrated, Granular Schema.
4. Excellent Attachment Management.
5. Robust stable secured MySQL (XAMPP) server.
6. Doctor Profile having his specialization, meeting time, etc
7. Grid of Recently added hospitals.
8. Hospital Profile for mapping address and phone numbers.
9. Tabular Representation Of Hospital on Administrative panel.
10. Tabular Representation Of Patients of each Doctor of respective hospital.
11. Graphical Interpretation Of Reports for ease of understanding for patients.
12. Simple and Effective Report Generation.
13. Save Reports to Internal Storage.
14. Full administrative privileges in the Admin Panel.
15. All new entries and modifications are approved by the Admin before the changes are visible across the website.
16. Special LEARN app for children with autism spectrum disorders, Down's syndrome, Angelman's Syndrome, Cerebral Palsy, and other speech disabilities.
17. **L**anguage **E**ducation for **A**utistics with **R**esponsive sound and **N**otes with simple sentence formations, speech using basic English vocabulary.

18. Special listings for vets, animal shelters, food shops, and grooming salons.

1.4 Remarkable Attributes

1. User Interface advancement of existing Android apps.

2. Inferences from the graphs obtained of patients.

3. LEARN App helps infants, autistic children to learn basic words and communication in the most interactive way.

4. App UI has been simple and the navigation is easy. Based on the difficulty level of each user, words, letters, alphabets, rooms and objects have been defined.

5. Text-to-speech makes the app quite useful for children who cannot speak as well.

6. Adding vets to the doctor roster for the complete care of the pets of our users.

1.5 Trademark HHH Facilities:

1. Numerous authentications for all panels .

2. QR Code for Doctor Panel from app available exclusively to Doctors registered on HHH.

3. OTP for Patient Panel to log in. Patients will receive a OTP which when confirmed with the DB will allow patient to log in.

4. Speech Recognition For Hospital Panel accessed through their Android phones.

5. Super-Admin authentication using Secure USB. Only the pen drive can allow the Super Admin access and make changes to the system, permissions.

6. First time, an Android app for Autistic children with full functionality.