

Health Care Project

Cloud and Website Designing Team

Introduction:

Purpose:

The basic motive of this project is to manage “Health on Daily Basis”. Health is an important aspect and something that is required to deliver the best output from our side.

Overview of document:

The idea is to develop a website which allows users to manage their diagnostics, doctor’s appointments, insurance policies and payments to manage the patient’s health.

Also the health results are stored in a database which can be used to compute various statistics to determine other parameters.

Overall Description:

Product Features:

Basic Features: The features that this project is going to include in it’s starting phase includes:

1. **E-APPOINTMENT:** This feature consist of a Form at the client end in which client has to fill in the necessary details that will be directed to hospital database which the receptionist can access, schedule it and revert back with a confirmation mail which includes the time at which meeting is scheduled.
2. **NEAREST HOSPITAL SEARCH:** The website will contain a maps option where prior to location of client, all the nearby hospitals and clinics will be reflected in the map where the person could search/filter details as per the type of treatment needed.
3. **DOCTOR SEARCH:** The website provides a feature of doctor search. There will be a dummy figure of a human and the client clicks on whichever part of the body, all the doctors related to that part are shown and mapped to their corresponding locations.

4. E-POLICIES- The website provides a feature to search the insurance policy that suits you. Amalgamation of all health insurance companies at one spot, comparing their policies, choosing policy online. This feature can be extended to E-INSURANCE CLAIMING feature where all claims can be made online which will reduce the overhead of showing physical presence at the insurance headquarter.

Extended Features:

These were the 4 features that we will try to implement in our first phase. There are a lot more features that can be integrated with this project like

- Tracking nearest ambulance
- Emergency Treatment videos
- Database of whole blood banks about the amount and type of blood available
- location of these blood banks.
- website could have auto notifications feature which notify not only about daily health status but also about the health activities going nearby like healthcare camps, polio drops day, awareness regarding new diseases and much more.
- Information sharing about new health innovations, research, Symptom search, Online Reports, nearby testing labs and many more.

Features that can be integrated with this are enormous that actually reflects the purpose and motive of this project.

Feasibility:

Some points regarding the Indian Health Care

Why we are thinking of this project?

- Rural Versus Urban Divide
- Need for Effective Payment Mechanisms
- Demand for Basic Primary Healthcare and Infrastructure
- Growing Pharmaceutical Sector

How this project will help?

- An application deployed on the Cloud can play a vital role as it will help bridge the gap between the urban and rural divide.
- Most of the people in India pay their doctor's fee in cash rather than relying on MediClaims or Insurances. This application will help insurance holders manage the payments.
- Diseases like blood pressure, diabetes, etc. can be tracked and managed with devices like arm bands and can help the patients manage the diseases without the need of infrastructures which are usually missing in our villages.
- The application can also link you to the local chemist stores and buy your medicines at the lowest prices.

Constraints: few constraints are

- Access to hospital database
- Internet Connectivity

Languages And Softwares Used: C# , Visual Studio And Sql Server