ABSTRACT

ONLINE HEALTH CENTRE

Online Health Centre offers the facilities of health care by online.This system will help people who need services from health centre.All the people can register in this to get services properly.Registered users are allowed to collect information provided by government. It will update services provided by government to people, especially woman and children. It provides both curative and preventive health care functions.This project includes registration of patients, storing their details into the system, and also booking their appointments with doctors.It has the facility to give a unique id for every patient and stores the details of every patient and the staff automatically. User can search availability of a doctor and the details of a patient using the id. The data are well protected for personal use and makes the data processing very fast. It includes the modules such as admin, doctor,nurse,user and Ashaworker.

Natural System

This system results in lack of integration across sectors, as well as within individual healthcare organization . Suchsystem can harm patients or fail to deliver what patients need. The main problem related to this is that the users should go to PHC (Primary Health Centre) directly and collect what they want. Also the ashaworkers have limitations to cover all areas under the panjayat.

Designed System

This system helps the user to make direct interactions with ashaworkers , doctors and PHC through online. There is no want to go to PHC and every person under the panchayat level can create their own id. It reduce the effort and time required to do it offline.

Modules and their functionalities

1. Admin

*manage doctors
*manage patients
*manage nurse
*manage reports
*manage other employees
*manage subcentres

2. Doctor

*view appointments
*schedule appointments
*create prescriptions
*manage self profile
*manage nurse

3. User

*create profile
*view appointments
*download prescriptions
*schedule appointments
*view medical history

4. Nurse

*manage profile
*manage allocated patients
*manage resources
*manage ashaworkers

5. Ashaworker

*Manage profile
*manage allocated patients
*Take classes about healthcare

Technologies used:

Front End: Html, CSS, JavaScript

Backend: Python, sqlite3