SMART MEDICAL HEALTH CARE SYSTEM

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ABSTRACT:

We are providing a website where a client directly goes for online to consult a doctor in case of emergency. This should respond automatically for small queries from patients where he will find better suggestions when any health problems occur. All this suggestion, which come from online. Generally, we go to the doctor and we have to wait for the doctor until your turn comes. So, this website is helpful to make the doctor available through online. By using this website, they can easily consult the doctor through online and doctor will available all the times.

Keywords: Patient, Doctor, Health, Online, Medical.

1. INTRODUCTION

Web doctor website deals with making the doctors available for all the patients through online. Sometimes you come across small problems where you to need consult doctors about your health problems or for the nearest ones and follow their prescriptions. Online Doctor System will provide you the power of direct interaction between doctors of your choice as and when required for your small problems. Using this web Online Doctor System applications, patients will able to fill online form in just few seconds before entering to the virtual office room. It will also enable you to upload your lab results such as x-ray copies, health history etc. which can be viewed by your referred doctors.

Now a day, it has become difficult to go to hospital and consult a doctor in our busy life. And we can't make sure that doctor is available or not. If any emergency occurs doctor will not available to the patients then time will be wasted.

2. FEATURES

- ➢ It is a time saving process.
- ● Patients get the information from doctor for simple diseases.
- ● No need to carry all files.
- ● We can get the information from doctor easily.
- ● We can send the files to previous visited doctors.

3. EXISTING SYSTEM

. Now days, we don't have any web doctor system we have only manual doctor system, you have to wait in line to take an appointment from the doctor and you have to wait until your turn comes. In existing system, you have to carry all your documents, incase if you forget to carry the documents you have to visit the doctor again. So, all these become a time consuming process. The person who is suffering from the disease has to be physically present before the doctor in order to explain about their disease.

The disadvantages of existing system is It's a time consuming process. It's also required the physical presence of patients. Patients should carry the documents to show to the doctor. We have to wait for an appointment of doctors. Sometimes, appointment may be cancelled because of doctor's unavailability.
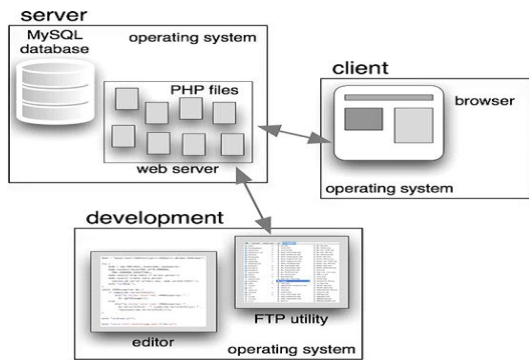
4. PROPOSED SYSTEM

In proposed system, we are consulting the doctors through online. Patient has to fill online form by which id and password and upon accepting data, automatic login to patient panel. Through this panel, patient can select the doctors and have an appointment with them on their time from their own place. Patient can ask their doubts about their disease and he can send their reports to doctor in order to explain about their disease. And patient can give feedback about the doctor how the doctor was treating.
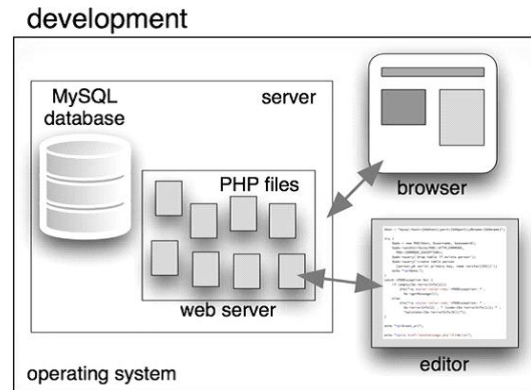
The advantages of existing system are it's a time Consuming process. It does not required physical presence of patients. And the patient no need to carry the documents. Money also will save when compared to existing system. You can consult the Doctor at anytime and anywhere. You can rate the doctor by giving the feedback.

System Architecture:-
Client-Server Architecture Figure shows a typical PHP/MySQL client-server architecture along with the development platform used to build and test it.

Two processes (or tasks) are of concern on the server: the database (MySQL, for us) and the web server (usually Apache or Microsoft IIS). The PHP processor runs under control of the web server and executes the PHP files that compose the application. The four labels in the server box correspond to the elements of the so-called LAMP stack: operating system (Linux), web server (Apache), database (MySQL), and language (PHP). As I'll explain, the first doesn't have to be Linux and the second doesn't have to be Apache. Generally, the last two don't have to be MySQL and PHP, but they are in this book, since that's our focus. There are usually lots of applications running on the client, but only the browser that's connected to the web server running the PHP application is of concern to us. Since you're a developer, you also care about the development platform, which consists of two essential applications, at least: an editor that can create and modify PHP files and a transfer utility that can copy those files to the web server, typically an FTP (File Transfer Protocol) or SFTP (Secure File Transfer Protocol) utility, sometimes built into the editor. It's convenient to reproduce the whole server platform on the development system so the PHP files can be accessed directly by the editor, and so you can run the application locally. To do this, it's necessary to install a server platform on the development computer and then to open up a browser on that computer to interface with the application. Fig illustrates this process. When the application is ready to deploy, an FTP utility copies the PHP files to the remote server, as figure shows

MODULES WORKING NATURE

The modules present in the SMART MEDICAL HEALTH CARE SYSTEM are

1. Patient
2. Doctor
3. Admin

About the Patient module, Patients will consult the doctors through online. Patients have to fill online form by which id and password and upon accepting data, automatic login to patient panel. Through this panel patient can select the doctors according to their disease and have appointment with them and patient can send reports to doctor through upload the file.

About the doctor module, Doctors also will able to fill online form by which id and password and upon accepting data, automatic login to doctor's panel. Doctor can see the patient details and doctor after going through documents and analyze the problem and sends the prescription to patients.

About the Admin module, Admin can see the details of patient and doctor and he can see the feedback of patients.

PROCESS AUTOMATION STEPS

1. Register the patient, doctor.
2. Login patient or admin or doctor. if user id , password valid then
   Go to the home page.
3. In patient home page
   a. Search doctors
   b. Patient profile.
   c. The patient gives feedback.
4. If it is successfully posted then patient get a dialog box.
5. Logout.
6. In Doctor home page.
   a. View patient details.

   b. Gives prescription to patients.

7. If he successfully posted then patient get a message in e-mail.

8. Logout.

9. In Admin home page

   a. View patient details.

   b. View doctors details.

   c. View patient's feedback.

10. Logout.

RESULTS:-

Patient Login:-

Search doctors:-

Doctor Login:-

Send Solution:-

Admin login Form:-

Feedback form in admin:-

Future enhancement:

The future enhancement of this website, can improve face-face communication between doctor and patient as its not done present. When you entered about your disease, it should automatically display the treatment or medicines. It should locate the doctors nearby the surroundings.

CONCLUSION:

Finally, we have seen that in manual system there is a lot of time consumption and lot of inconvenience occurs. By using this System, you can easily approach doctor from home through online. Its more beneficial and anyone can approach and can get better suggestions.

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