Doctor Patient Portal

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Abstract -*Efficient Doctor patient portal is a managing system that helps doctors as well as the patients by providing options of booking appointments as per the convenience of both doctor and patients. Through this system, doctors can easily manage the appointment slots online itself. System will make all the empty slots visibly available to the patients, which are booked by the name of any particular patient. The system makes it easy to manage various doctors and their availability on various dates and timings based on requirement. Doctor and patient can easily access their complete medical history. It helps the doctor to refer their patient's medical history for any further prescriptions and treatment. The system also contains an organ donor module. This module has an option for the registration of organ donation and blood donation along with an organ search option and blood search option. The module design helps to fulfill the urgent organ and blood requirements through easy/instant searches.*

Key Words: *Admin login, Add Doctor, Booking Cancellation, Medical History, Online Booking.*

1. INTRODUCTION

We are developing the portal which is beneficial to the patients as well as to the doctors. This portal particularly enables patients to Access their medical records, plan the appointments, refill prescription and it also helps the doctors to keep track of the patients medical history. By providing these features as well as easy access to online resources, portal provides much more improving management of illness. The main feature that makes any Doctor-patient portal reliable is the ability to expose individual patient health information in an efficient manner through internet. All doctor-patient portals allow patients to interact in some way or the other with health care providers or doctors. Many death are occurring in India due to unavailability of blood and organs . Many a times user do not have proper information about which type of blood and organs are available in which hospitals and NGOs. So, we are adding some additional features such as- form for blood and organ donation for the users who wants to donate blood or organs, information about the amount of blood available in the hospitals which can be very useful for the users in case of any emergencies are included. As well as we provide a way to the users through which they can report any illegal activities occurring in the hospitals.

2. EXSISTING SYSTEM

The Existing system has a lot of paper work. To maintain the records of appointments and service manually, is a Time-consuming task. With the increase in content of database, it will become a huge task to maintain the database. Requires large quantities of file cabinets. The retrieval of records of previously registered patients will be a tedious task. Lack of security for the records and there is a chance of manipulation of records. If someone want to check the details of the available doctors the Existing system does not provide any necessary detail of this type. There is no facility for quick search of any organs in emergency cases, same as for the blood if any requirement of blood.

2.1 DISADVANTAGES OF EXISTING SYSTEM:

- The existing system works manually.
- Lots of paper work and Human work is involved.
- The availability of doctor is unknown to the patients.
- Patient details cannot be accessed efficiently.
- Lack of security for records and database.
- There is no facility for searching organs and blood.

3. PROPOSED SYSTEM

The proposed system that will helps doctors in their work and will also help patients to book doctor appointments and view medical progress. The system allows doctors and patient to manage their booking slots online. Patients are allowed to book empty slots online and those slots are reserved in their name and id. The system manages the appointment data for multiple doctors of various date and times based on the requirement. Each time a user visits a doctor his/he medical history as and when needed. At the same time a doctor may view patients previews medical history while the patient visit him. The system also consists of blood donor module and organ donar module. This modules allows for blood donation and organ donation registration as well as blood group search and organ search. This module is designed to help urgent blood and organ requirements through easy/instant searches.

3.1 ADVANTAGES OF PROPOSED SYSTEM:

- This system help the patient to get organ quickly whenever required.
- Patient does not have to wait in Queue.
- Patient can view his medical history whenever required.
- Patient does not need to carry medical prescription whenever he visits the doctor.
- This system saves time of both doctor and patient.
- Doctor can view his appointments at anywhere at anytime.

4. MODULES

Admin login:

In this module admin consists of details of patients and doctors and admin can add the doctor then admin approves the valid doctor. Admin can search for blood and organ and view the feedback provided by the patient and view all the appointment slots that are booked.

Patient login:

In this module patient login into the system and books the appointment slot based on the requirement of the patient and availability of the doctor .Patient can donate blood and organ.
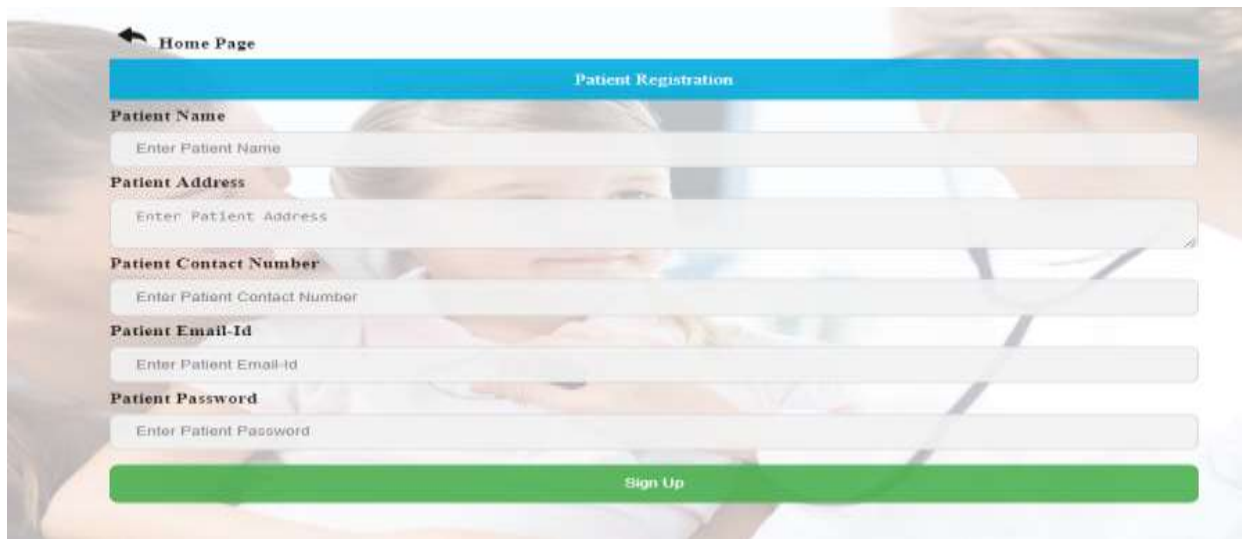
Doctor login:

In this module doctor logins and view his appointments and add patient treatment details by searching particular patient and search the blood donors and organ donor.

5. RESULTS

9.1 Home Page

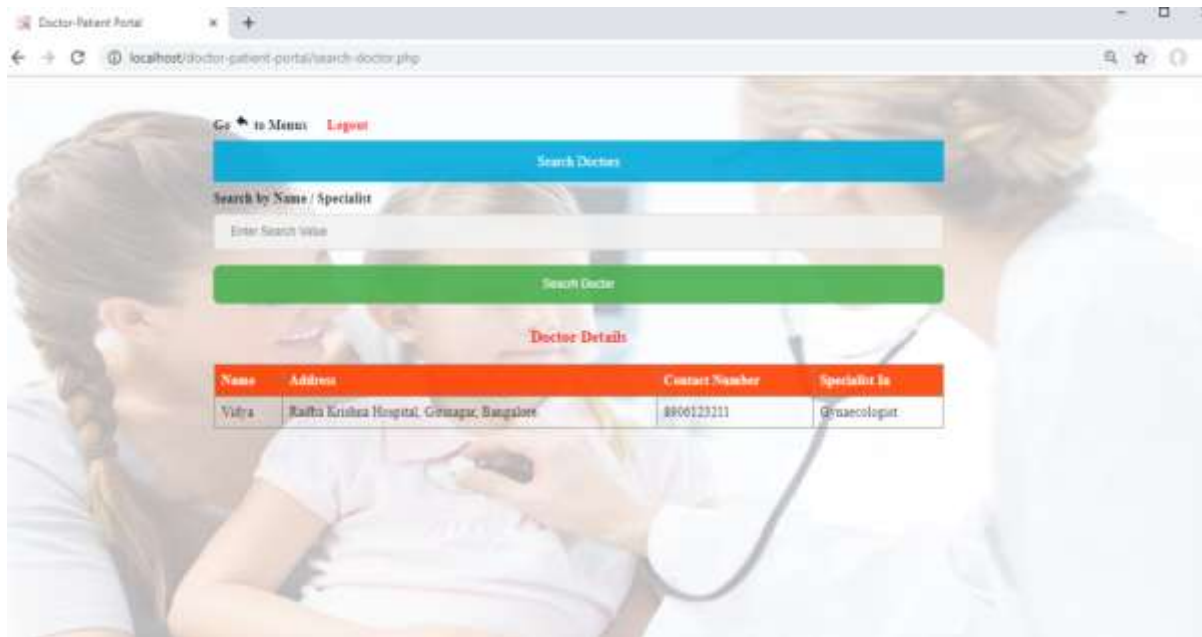9.2 Patient Register

9.3 Patient Login

9.4 Patient Menu Page

9.5 Patient Details

9.6 Book Appointment

9.7 Patient Appointments

9.8 Search Doctor

9.9 Donate Blood

9.10 Donate Organ

9.11 Patient Feedback

9.12 Doctor Registration

9.13 Doctor Login

9.13 Doctor Menu Page

Go to Menus   Logout

	My Appointments				
Patient Name	**Patient Address**	**Patient Contact Number**	**Patient Email-Id**	**Appointment Date**	**Appointment Time**
chakradhar	palamaner,chittoor	9573388529	chakri@gmail.com	22-Mar-2019	11:00:00 AM

9.14 Doctor Appointments

Go to Menus   Logout

Search Patients

Patient Mobile Number

Enter Patient Mobile Number

Searh Patient

Patient Details

Name	Address	Contact Number	Email-Id
chakradhar	palamaner,chittoor	9573388529	chakri@gmail.com

Treatment History

No Data available

9.15 Patient Search

Go to Menus   Logout

Search Donars

Search by Blood Group

Enter Search Value
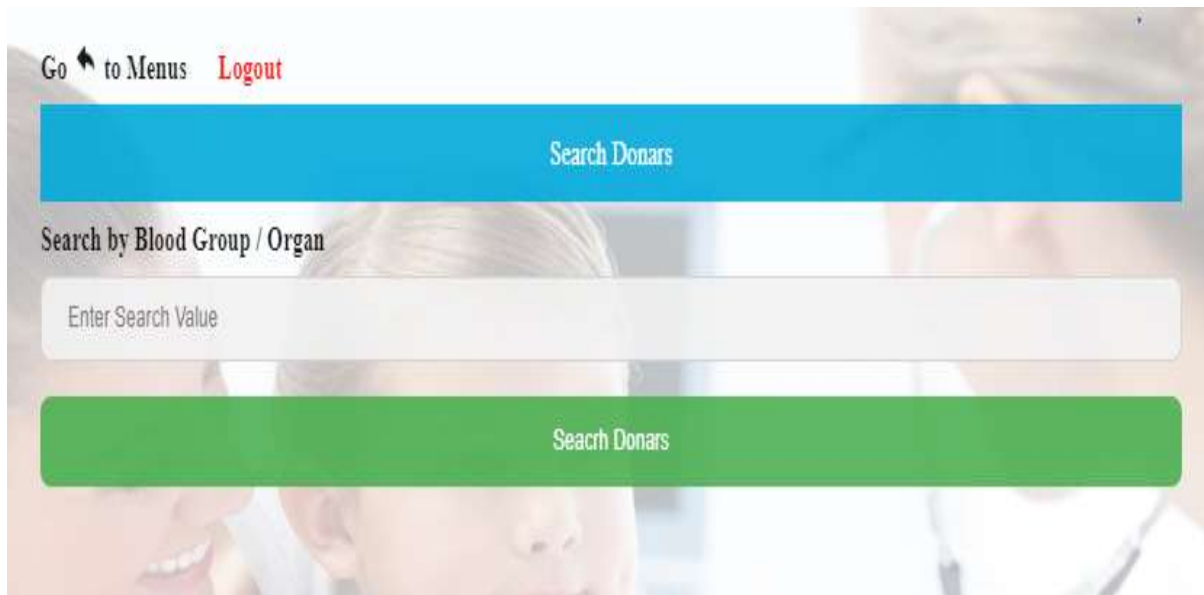
Searh Blood Donars

Donar Details
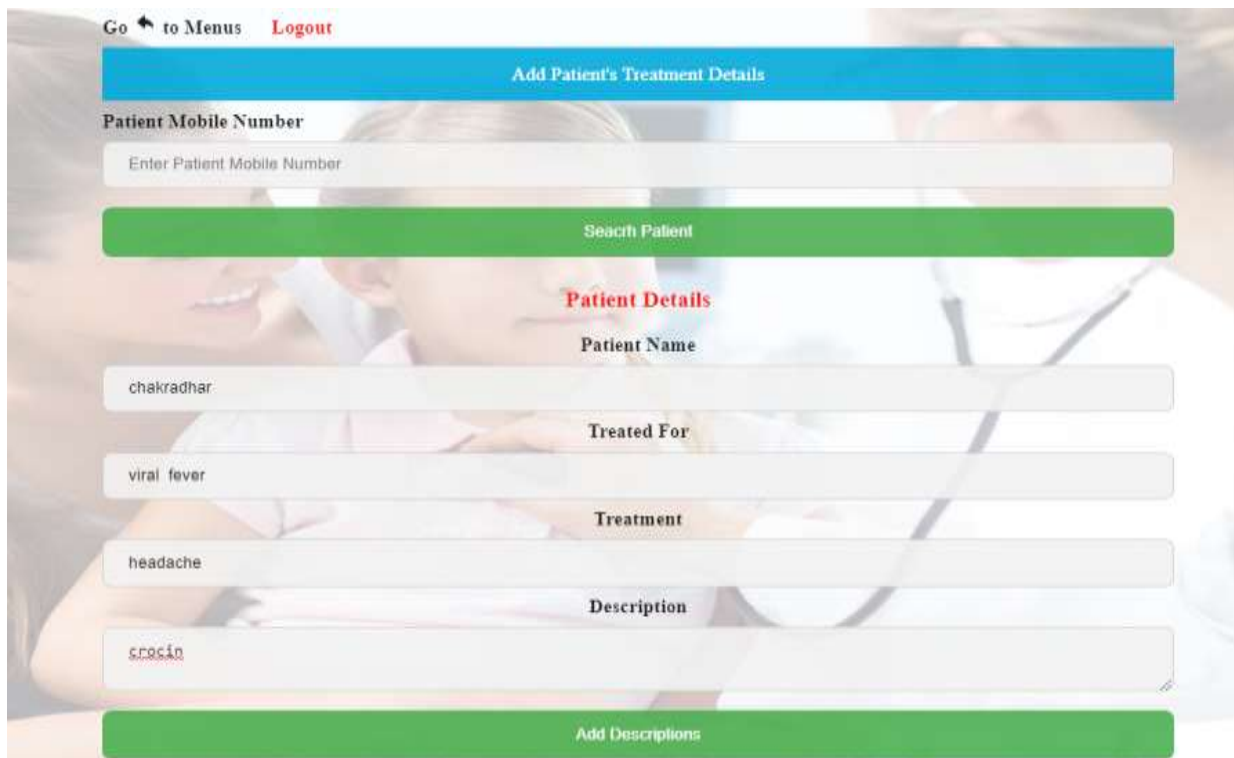
Name	Address	Contact Number	Blood Group
Deepika	Bommanahalli, Virat Nagar Road, Bangalore.	8989675644	O+

9.16 Search Blood Donor

9.17 Search Organ Donor
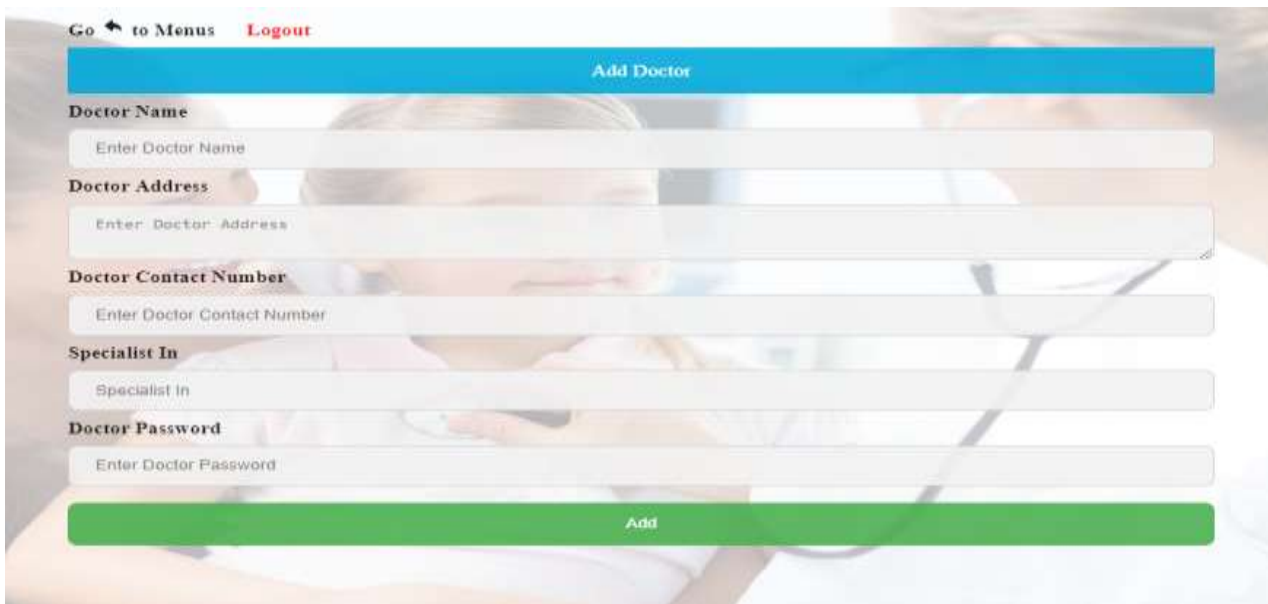
9.18 Add Patient Treatment Details
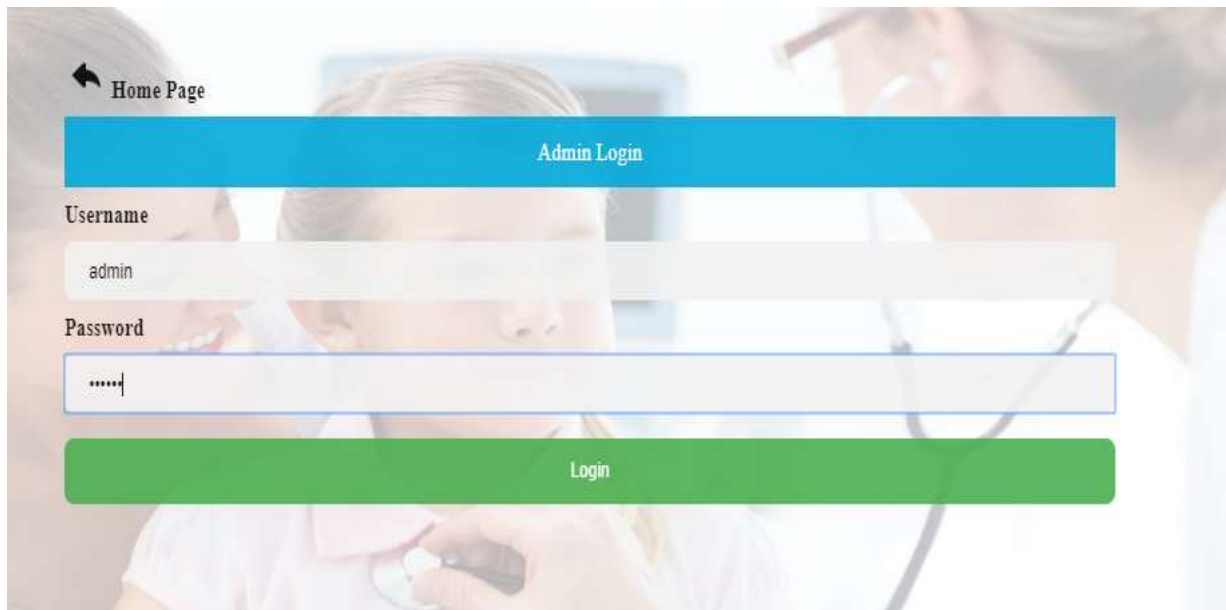
9.19 Admin Login

9.20 Admin Menu Page

9.21 Admin Add Doctor

9.22 View Doctors

9.23 View Patients

9.24 Admin View Appointments

9.25 Admin View Feedback

5. CONCLUSION

The websites which recognize which doctor fits in criteria or which hospitals is best for information which you register in their respective portals. Now our proposed system gives a easy way to find out the best doctor and best treatment, as well as we also provide the information about the availability of the amount of blood and the organs available in their hospital. We also provide a way to stop the illegal activities occurring in the hospitals by allowing the users to report it to the authority.

6. FUTURE ENHANCEMENT

In our project the following the drawbacks can be resolved in future.

- We can provide SMS alert.
- We can provide E-mail alert.
- We can provide online bill payments.

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