

**DOCTOR PATIENT**

**PORTAL**

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**ABSTRACT**

In today’s world if someone wants to book a Doctor’s Appointment we need to call in clinicor personally go to that place and book the appointment. This consumes precious time of the patient. Also, if the doctor cancels his/her schedule, the patient does not come to know about it unless he/she goes to the clinic. The objective of this project is to build a system that will ease the process of booking appointments for the doctor. The patient will book the appointment throughWeb Application. The doctor will come to know the number of patients he has to attend whole day. The system will save patient’s as well as doctor’s time. It will save the receptionist’s paperwork. The system will prove to be useful for doctor as he can check his appointments wheneverand from wherever he wants from this Web Application.

We here propose a doctor patient handling, managing system that helps doctors in their work and also patients to book doctor appointments and view medical progress. The system allows doctors to manage their booking slots online. Patients are allowed to book empty slots online .The system manages the appointment data for multiple doctors for various dates and times. Each time a user visits a doctor his/her medical entry is stored in a database by the doctor. Next time a user logs in he may view his/her entire medical history as and when needed. At the same time a doctor may view patient’s medical history. This allows for an automated patient doctor handling system through an online interface. Also the system focus on pharmacy and lap in a hospital.here users can buy medicine in pharmacy and lab testing if needed ,then patients can download their report on this portal.also pay overrol payment to management.its help to patients to easily manage their hospital requirement.

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**EXISTING SYSTEM**

In health care institutions especially when the patients visiting the facility are either inpainorfrail health, making it difficult for them to queue for long periods of time until a medical practitioner is available to treat them. This can cause patient to be fall into dangerous situation. This will also make time delay for booking because the first one should complete booking process to proceed to the another .

**PROPOSED SYSTEM**

The proposed system consists of 4 modules:Admin, Doctor ,Patient and pharmacy. Once configured,this system has two structures: android and and web .The user module is in android and other modules are web applications. Main module is that the admin,Admin can manage the entire system in this project .Then The patient will have to register into the web application for the first time. On registering, the patient has a username and password. The patient can use this username and password for logging into the web application each time he uses it. After logging in, the patient will have the doctors list displayed. The patient can select any particular doctor and view his profile. Also, the patient can view the doctor’s schedule and look for an appointment according to his convenience. The patient will then send a request for appointment. The system (admin or doctor) can either accept the appointment or reject it. The database will get updated accordingly and the patient will get a confirmation message.Also patients can buy their medicine and lap testing in pharmacy,it's also a booking structure,finally patients can pay their total amount into the hospital.

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**ADVANTAGES**

❖ Allow users to update their own details.

❖ Centralized data is secure

❖ Easy to backup.

❖ Reach anybody, anywhere in the world.

**Module Descriptions**

⮚ **Admin**

* + In this module admin has the privilege to manage all other users like delete user update user details and add user,here user refer patient,doctor,pharmacy.
  + Admin can view complaints against management or doctors ,also replay for it.
  + Admin can view all payment details

⮚ **Doctor**

* Here doctor have user credential that provided by admin,then user can login use it
* Doctor can view all patients is registered in this site and chat with them
* Doctor can view patients previews medical report and prescribe medicine for patients
* Doctor can view appointment details
* Doctor have section for leave update
* Manage complaints from users ,like replay etc..

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⮚ **Patients**

* In this system patients have main importance,patients can register this portal and login using the credential
* After login patients main features are,search doctor,select doctor and chat with doctor
* Patients can add feedback about their doctor,its is a rating system,also create complaints against management
* Patients can update their profile
* Patients can upload preview medical report
* Manage payments,pay for doctor and medicine payment
* Patients can schedule appointment in doctor and book labtest token itself
* View doctor available status
* View prescription and search medicine availability and price
* Finally patients can generate their report and download it

⮚ **Pharmacy staff**

* Admin will provide credential for pharmacy staff and they can login using this portal
* Staff can manage medicine structure,they can add medicine, update and delete it.
* Staff can view lab test appointment
* Pharmacy staff can create patients lab report
* Staff can create complaints using this portal

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**SYSTEM REQUIREMENTS**

**HARDWARE REQUIREMENTS:**

* Hard Disk : 100 GB.
* Processor : i5
* Memory : 8GB.
* Mobile : Android

**SOFTWARE REQUIREMENTS:**

* Coding Language : PHP ,JAVA
* Operating system : Windows Xp, Windows7(ultimate, enterprise), KitKat
* IDE : PHP and Android Studio
* Scripting Language : PHP, XML

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