**ABSTRACT**

Life is becoming too busy to get medical

appointments in person and to maintain a proper health care.

The main idea of this work is to provide ease and comfort to

patients while taking appointment from doctors and it also

resolves the problems that the patients has to face while making

an appointment. The android application Mr.Doc acts as a client

whereas the database containing the doctor’s details, patient’s

details and appointment details is maintained by a website that

acts as a server.

Keywords: Appointment, online application, androi

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Life is becoming too busy to get medical appointments in person and to maintain a proper health care .The main idea of this work is to provide ease and comfort to patients while appointment from doctors and it also resolves the problems that the patients has to face while making an appointment .The smart web application provides registration and login page in which Doctor acts as a client whereas the database containing the doctor’s details, patient’s details and appointment details is maintained by a website that acts as a server.

The Application has following modules

* Admin
* Doctor
* Patient

**Admin:**

Admin needs to login with username and password and in the admin home screen, he can see the basic functionalities of admin. Admin can view the registered doctors and patients. He can also view the patient’s request and doctors requests and he will confirm the patients and doctors requests.

**Doctor:**

Doctors can register by giving his necessary details like timings, fee, category, etc. After successful registration, the doctor can log in by giving username and password. The doctor can view the booking request by patients and if he accepts the patient requests the status will be shown as booking confirmed to the patient. He can also view the feedback given by the patient.

**Patient:**

The patients must be registered and log in to book a doctor basing the category and the type of problem patient is facing and the location. The search results will show the list of doctors matching patients required criteria and he can select one and send a request the request will be forwarded to admin and admin forward to doctor and if he is available he will send the confirmation request back to admin the admin update the booking request and says confirmed to the patient. the patient can view the status in the status tab and also he will get the mail saying the booking is Confirmed.

**Existing System:**

Under manual Online Doctor System, you have to first wait in line to take appointment for the doctors and wait for your time to have meet with them and discuss on your health problems. As you have to provide your information and other reports many times at different places such as the medicine store which is again a burden of carrying documents. You have to be present physically at the doctor’s cabin. Patients have to visit on another day of after some hours to take their health reports which involves extra care person with patients anytime. Under manual system, the only accepted payment method is by cash and if patients due to some reasons are not having cash on time may face difficulties and not able to get treatment.

**Proposed System**:

In our proposed system all manual process has been automated through the system. In this patient has to login to the webpage and search the list of doctors based on his location and the problem patient is facing. Now patient can select the doctor, timeslots provided below doctor details. Admin now forward the patient’s request to the doctor if he is available he will send the confirmation to the admin that the request is accepted. Admin will update the request and the patient can view the status of the booking and he will get updated that booking is confirmed.

**Software Requirements:**

* Operating system :Windows 10/64 bit
* Front End : HTML, CSS
* Web Server : Tomcat 7.0.103
* Code : JAVA, JavaScript
* Data Base : Oracle MYSQL Database