
FREELANCE DOCTORS APPOINTMENT BOOKING SYSTEM

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ABSTRACT

The python based freelance doctors appointment system is designed to overcome the issue of managing and booking appointments for doctors consulting. the project is equally helpful for the doctors and patients as well as users. because there are several doctors which are jobless after their studies and getting low salary such doctors can apply in our system and they can earn good from their homes. likewise nowadays patients are also fed up with modern hospitals. when we go to a hospital we need to overcome several procedures for seeing the doctor it is become a burden in present situation. apart from all this users can book online their doctors according to the department and their nearest locality. which makes things more fast.

The admin is the all in all of the system. admin can login with the credentials. he will add the medical departments for the doctors for applying. admin needs to accept or reject the application of doctors by verifying the certificates of doctors. admin needs to provide the login credentials to the doctor (through mail or sms). admin needs to provide consulting time to the doctors. admin can update and delete doctor details. admin can see all the details of patients. including booking. admin is responsible for accepting payments and generating receipts to users and providing salary to the doctors.

The doctors can apply in the system with their specialized area by uploading the certificates in the system. after accepting the application they will get their login credentials (through mail or sms). doctors can change password and manage their profiles. they can view bookings by dates. doctors need to accept appointments by availability of slots. they need to attend emergency chat or call with patients in emergency situation. doctors need to add treatments and prescribed medicine of the patients and they will get salary from admin and its receipt via sms or mail

The patients can register through the system and can change password and manage their profiles. they can book doctors by department, time and in available slots. users can cancel booking at any time. they need to pay in the time of booking and they will get refund after cancelling. they will receive receipt via sms or mail. they can view their bookings history, doctor details and past treatment details and prescribed medicines. users can emergency chat or call with doctors. they can also give feedback.

ADMIN

- Can login
- Add medical departments for doctors for applying
- Send login credentials via email
- Accept or reject doctor application
- update,delete and view doctors
- update,delete and view patients
- View past treatments of patients by patient id
- View booking details by dates
- View feedbacks of patients
- Accept payments and generate receipt
- Add salary to doctors

DOCTOR

- Can apply
- Change password and manage profile
- View booking details by dates
- View past treatments of patients by patient id
- Accept appointment of patients
- Emergency chat with patients
- Add treatments of patients
- Accept salary from admin

PATIENT(USER)

- Can register
- Change password and manage profile
- Book doctors by department,time,slots
- View booking history
- Cancel bookings
- Search doctors by name,department or locality
- View doctor details
- Make payment
- Download receipt

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- Give feedback
 - View past treatment details
 - Chat with doctors

LANGUAGES USED

- FRONT END:HTML,CSS
- BACK END:PYTHON,MYSQL