

**Doctor appointment System**

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**Overview:-**

The proposed project is a smart appointment booking system that provides patients or any user an easy way of booking a doctor’s appointment online. This is a web based application that overcomes the issue of managing and booking appointments according to user’s choice or demands. The task sometimes becomes very tedious for the compounder or doctor himself in manually allotting appointments for the users as per their availability. Hence this project offers an effective solution where users can view various booking slots available and select the preferred date and time. The already booked space will be marked yellow and will not be available for anyone else for the specified time. This system also allows users to cancel their booking anytime.

**Objective:-**

* This system helps to reduce the waiting time of the patient.
* User can select the appointment time according to his preference.
* Available and booked slots are shown in effective graphical user interface.

**System Users:-**

1. Doctor
2. Admin
3. Patient

**Doctor Features:-**

In this system Doctor’s must have to inform their availability time to Admin. How much time they will give to patient that all type of information doctor have to inform to Admin

**Admin Features:-**

In this project Admin task is gather the information from doctor and update that information on website so the information like doctor availability time doctor charges etc.

**Patient Features:-**

Anyone can access the online appointment management system via the URL provided by the healthcare or medical facility or through a “Book Now” button in the website. Once the time and date are selected, the system confirms the bookings automatically and also records it within the system instantly without any intervention from the staff.

**Software requirements:-**

Operating System:- Windows operating system

Database management system:- Microsoft SQL server

Runtime environment:- Visual studio

Browser:- Google chrome, Mozilla firefox

**Technology used:**

Front end:- HTML, CSS, Javascript

Backend:- SQL

Use Case Diagram:-

