INDIRA COLLEGE OF ENGINEERING AND MANAGEMENT PUNE

DOCTOR APPOINTMENT SYSTEM

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Index

Introduction

The main aim for developed Doctor Appointment System is for solve the purpose for disallow the problems, which are not in the current system. This Doctor Appointment System is assume to remove the hardships, which will be available in the current appointment system. But by using electronics equipment like computer and by using this devices we can stored valuable information which we can stored under this appointment system. This Online Doctor Appointment system is show as the fast, error free and secured system with fast management of data. With the help of this Doctor Appointment System which show the good for use of resources and stored records in central location of database.

PROPOSED SYSTEM:

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.

Modules:

- **Admin Login:** The system is under supervision of admin who manages the bookings made.
- **User login/registration:** Users have to first register themselves to login into the system.
- **Appointment availability check:** User can click on spaces to view the availability.
- **Appointment booking online for date and time:** Users can book appointment for their required date and time.
- **Booking cancellation:** User may even cancel their bookings by login into the system anytime.
- **Feedback:** The system has a feedback form, where user can provide feedback into the system.

User side functionality:

- Book appointment
- Cancellation
- Receipt
- Feedback

Admin side functionality:

- Admin can Add Edit Delete and view Doctor data.
- Admin can view all patient data.
- Admin can Schedule any Doctor Availability data and manage that data like edit or delete it.
- Admin can view all doctor appointment data and he or she can also process appointment.
- Admin can edit profile detials.
- Admin can login into this system.
- Admin can see Analytics data.

Software Requirements:

- Windows Xp, Windows 7, Windows 10.
- Wamp, Xampp (MySQL database)
- Visual studio 2010

Hardware Components:

- Processor – i3 or any higher version
- Hard Disk – 5 GB or more
- Memory – 1GB RAM or more

Technologies Used:

- Front-end Design (HTML, CSS)
- Back-end (PHP)

Disadvantages:

- It requires an internet connection.
- It requires large database.

Applications:

- The project can be implemented in hospitals and clinics
- It can be utilized by companies and organizations (hospitals, schools, colleges) to automate their parking system.

Objectives of the System:

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. The application uses Asp.net as a front-end and sql database as the back-end.