**Doctor Appointment System**

**Project Synopsis**

**Of Major Project**

**Of the Programme**

**Master of Computer Applications**

**Batch - Jul 2023**

**Fourth Semester**

**Submitted By**

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**Overview :-**

The Doctor Appointment System is a web-based application developed to streamline and automate the process of booking medical appointments. This system allows patients to easily schedule appointments with doctors online, reducing the manual workload for hospital staff and improving overall patient service.

The front-end is developed using ASP.NET, offering a responsive and user-friendly interface, while the back-end is powered by a MySQL database, ensuring efficient data storage and retrieval.

**Objective :-**

* Provide a convenient platform for patients to book, manage, and cancel appointments.
* Enable doctors and administrators to manage schedules and patient data efficiently.
* Reduce wait times and scheduling errors.
* It is reducing the doctor’s difficulty.

**Purpose, Scope, and Applicability :-**

1. **Purpose :-**

* The purpose of making this application is that to reduce the doctor’s work. Means to give manually number it is very difficult to manage all this to doctor or compounder.
* It will help to reduce paper work.
* It will maintain the patient information in arrange manner.
* Records are being maintained manually in a registered including date and time and name of the patient, prescription.
* This will also maintain all the different side of doctor’s information that can help to a patient.

1. **Scope :-**

* This project main aim is to reduce the paper work and it will be helping to add some new features in it.
* Main issue covered in this is that rather than standing in a appointment queue it will give online appointment
* It is easy to maintain record for doctors and patient too.

1. **Applicability:-**

* Project will applicable in Hospitals, Health-care centers, patient to book their appointment online.
* It will also applicable to medical centers.
* It will help doctors to record all the patient information.
* It will also help to give doctors information at anytime and anywhere.
* It is easy to maintain also and all the faculty doctors can approved this.
* It will applicable to medical that are in the doctors connected.

**Hardware Requirement :-**

* Intel Pentium core 2 Duo CPU 2.10Hz.
* 1 GB DDR2 RAM
* 160 GB Hard DISK.
* 15 Inch LG or any color Monitor or Higher.
* Logitech Mouse or any normal use Mouse.
* Keyboard of any brand.

**Software Requirement :-**

* **Operating System: -**Windows-XP, vista, windows 7,or higher.
* **Graphics: -** Screen Resolution 1366\*786 or higher.
* **Color Quality: -**Highest 32bits or higher.
* **Font End:** -Asp.NET
* **Back End:-**MYSQL