**MINI PROJECT – I**

**(2018-19)**

# Doctor’s Appointment Website

**SYNOPSIS**



**Institute of Engineering & Technology**

**Team Members**

Himanshu Nagar

(171500135)

&

Chaudhary Nitin

(171500086)

## Supervised By

**Mr. Pankaj Kapoor**

**(Asst. Professor)**

**Department of Computer Engineering & Applications**

**Abstract**

The main objective is to develop a website that can provide a better way of making appointment of doctors. It enables healthcare providers to improve operational effectiveness, reduce costs, reduce medical errors, reduce time consumption and enhance delivery of quality of care. This system help reduce the problems occur when using the manual system and helps patients to skip endless queues. This website will mail details of the patient and other information to the doctor. As we saw patients make queues to fix appointment to a doctor. This take too much time and the patient has to sit there for their turn, With this website the time will decrease and patient doesn’t have to wait for his turn.

Once a patient fill the “Appointment Form” the e-mail will be sent to doctor’s email.

We are working on this project as this project is helpful for both Doctors as well as Patients.As this project provides efficient facility for the Patient to view their treatment details and for the doctors to review the health of patient from initial to final stage of treatment. Therefore we came with this project.

**Description of the Project**

A network monitoring and network congestion analysis can be performed based on a comparison of data packets at multiple different network nodes installed at different locations on a communication path. A downstream network node may be installed at a user location while an upstream network may be installed at an access router further up the network. A network congestion analyzer may receive data packet information including time stamps from both network nodes, and may compare the data packet information to group the data packets into application flows and match the corresponding packets from the different network nodes. Based on the data packet matching, the network congestion analyzer may calculate packet loss, packet delay, packet delay variation, and perform other network congestion analysis techniques for the application flows corresponding to a user's various devices and the applications executing on those devices.

**Technology Used**

* HTML
* CSS
* Java script
* Bootstrap
* Php

**Hardware Requirements**

* Personal computer with internet connection
* i3 Processor Based Computer Or Higher
* Memory: 2 GB RAM(Minimum)
* Hard Drive: 30 GB(Minimum)

**Software Requirements**

* Windows 7 Or Higher
* Google Chrome Version 40.0.2214 Or Higher
* Any Web Editor Like Sublime Text Or Brackets
* SQL Server 2008 Or Above

**Future Prospects**

In future, we are going to add login for both patient and doctors to provide authentication to the users and are also going to add a chat-bot to solve the queries of the patient. The facility for cancelling appointments is not available we are going to add that and a table view of appointment would be shown on the home page of the website from where the patient and doctor can see their appointment and can plan their day accordingly and also can cancel the appointment and book a new appointment as per their convenience. We will also create a database on the backend for maintaining the previous history and prescriptions given to the patient. We would also include a emergency appointment option for the patients for emergency conditions. We would make a patient portal on which patient can go through his previous medical history and also include a bill payment module through which the patient can go through his bill history and can pay the previous and the current bill. And will also work on securing the website. And also In this Digital Era everyone is connected through network so it is possible that the huge amount of data in the network channel can create the congestion in the network. So, it is important to analyze the network congestion factors that we can use to reduce the congestion in the network which will also include the security aspects of data packets loss problems.

**References**

* <https://jacekjeznach.com/>
* <https://www.hotjar.com/analytics?utm_campaign=HJ-India->
* <https://www.cyberworx.in/>
* Github id- https://github.com/Fullstack-A-33-80-C-28-D-29/Online-Analysis-Website

**ThankYou!**