Hassle Free Doctor Consultation

Abhishek Kishor[1], Akash Verma[2], Aryan Goyal[3], Harshit Sisodiya[4] , Ms. Vanshika Gupta[5]

[1-4]Student, Department of Computer Science and Engineering, Inderprastha Engineering College,

Ghaziabad, 201010, UP, India

[5]Assistant Professor, Department of Computer Science and Engineering, Inderprastha Engineering College,

Ghaziabad, 201010, UP, India

Abstract: The purpose of the hassle-free doctor Consultation system is to automate the prevailing Manual system by the help of computerized equipment's and full-fledged computer software, full-filling their requirements, so their variable data/information space are often stored for extended period with easy accessing and manipulation of the identical. Thus, it'll help organization in better utilization of resources. The organization can maintain computerized records without wrong entries. which implies that one needn't be distracted by information that's not relevant, while being able to reach the info. This Project is also a mix of various medical services for the people of all generation and people belonging any nation or urban area. It consists of all the information about the doctors around the location of the user.

INTRODUCTION

The main objective is to develop an internet application named "Hassle Free Doctor Consultation" that covers all the aspects of creating appointment of doctors. It enables healthcare providers to boost operational effectiveness, reduce costs, reduce medical errors, reduce time, consumption and enhance delivery of quality of care. this method help reduce the issues occur when using the manual system and helps patients to skip endless queues. The important thing is it'll become easier for the knowledge record and retrieval. This application will also store all the details of patient, patients' profile, prescriptions etc. this method enables doctors and clinic assistant to manage patient records and appointments. User can enter their details; update their profile and that they can select doctors to form appointments.

Other than that, the system is easily operated and it can help the clinic to manage their appointments. The system helps to avoid making duplicity, Users can view available doctors and their timings and might make appointments consistent with it. Users also get a choice to cancel their appointments. Users can view their upcoming appointments and past appointments are deleted automatically. The system also allows doctors to log in. Doctors can edit their profile and look at their upcoming appointments, patients etc. The system also has an administrator section, where only one person can manage the full system. Administrator can add/remove patients, doctors and hunt for appointments.

LITERATURE REVIEW

S. No.	Name	Year	Author	Review
1.	Patients' adoption of the e- appointment scheduling service: A case study in primary healthcare	2014	Zhang X, Yu P, Yan J	Study suggests that aptitude and access to appointment service for majority of patient remains hindered by lack of access to the web, awareness of system, and low computer education.
2.	Appointment scheduling in health care: challenges and opportunities.	2008	Gupta D, Denton B	Summarized key issues in designing and managing patient appointment systems for health services. This was intended to clarify the extent of complexity encountered within health care environment.
3.	Going online: the role of web-based initiatives in health information technology	2011	Clingman SA	The technology increases the role of web-based things comes into existence and plays an important role by saving the price, effort and time. It also improves the efficiency of the medical services.

4.	Web-Based Medical Appointment Systems: A Systematic Review	2017	Peng Zhao, Illhoi Yoo, Jaie Lavoie, Beau James Lavoie, Eduardo Simoes	There are benefits to a variety of patient outcomes from Web-based scheduling interventions.
5.	Patients' perceptions of web self-service applications in primary healthcare	2012	Zhang X, Yu P, Yan J, Hu H, Gouveia N	It is optimistic to see that the majority of the patient populations are willing to adopt the web-based self-services in primary health care
6.	. The relationship between patients' perceived waiting time and office-based practice satisfaction	2006	Camacho F, Anderson R, Safrit A, Jones AS, Hoffmann P	Reduced waiting time may lead to increased patient satisfaction and greater willingness to return in primary and specialty care outpatient settings
7.	Internet patient scheduling in real-life practice	2004	Friedman JP	Scheduling patients for busy clinical practices has been an inefficient, time-consuming, and expensive process
8.	. Adoption , use, and impact of e-booking in private medical practices	2014	Pare G, Trudel M, Forget P	E-booking systems seem to represent a win-win solution for patients and physicians in private medical practices
9.	The online outpatient booking system 'Choose and Book' improves attendance rates at an audiology clinic	2009	Parmar V, Large A, Madden C, Das V	This audit suggests that when primary care agents book outpatient clinic appointments online it improves outpatient attendance.
10.	Impact of same day appointments in patients satisfaction with general practice appointment systems	2008	Sampson F, Pickin M, O'Cathain A, Goodall S, Salisbury C	The mean proportion of patients completely or very satisfied with their appointment system was 58% for practices with less than 30% of same-day appointments, compared with 48% for practices with more than 50% of same-day appointments.

PROPOSED METHODOLOGY

Recommended system will overcome the disadvantage of this old system. Existing system is manual and available appointment applications don't seem to be user friendly. Proposed system is computerized and user friendly. The proposed system has many advantages. this may directly affect the folk. Another important characteristic within the 'Hassle Free Doctor Consultation' is user's module.

It restricts access across different user groups. the aim behind implementing this module is that features are often reserved for users and no effort management. The Authentication is employed in the various conditions.

CONCLUSION

After reviewing these many papers, we can conclude that majority of the patients are hindered to the e-appointment services due to the lack of the knowledge, lack of access to the web and also due to the lack of the computer or the technical knowledge in some areas. But e- Appointment services can be reliable to the patients also because it reduces their waiting time and due to this some of the peoples are adopting the online scheduling.

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