Online Review Based Doctor Appointment System

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Abstract:
In today’s world if somebody needs to book a Doctor’s Appointment we’d like to decision in clinic or in person attend that place and book the appointment. This consumes precious time of the patient. Conjointly if the doctor cancels his/her schedule, the patient doesn’t return to grasp concerning it unless he/she goes to the clinic. The target of this project is to create a system that may ease the method of booking appointment of the doctor. The patient can book the appointment through our web site. The doctor can return to grasp the quantity of patients he has got to attend whole day. The system can save patients still as doctor’s time. It’ll save the receptionist’s paper work. The system can influence be helpful for doctor as he will check his appointments whenever and from where he needs from his itinerant. Review Base Doctor Search (RBDS) provides a planning system on basis for medical personnel. The planning system may be accessed by user as a web service integrated with their websites. The tip user schedules are obtainable to the patients. The tip user-searchable info includes specialties, vary of services, workplace locations, images, personnel instructional background and user-submitted reviews. For every doctor the users are able to review the free slots within the schedule and create appointments for specific time slots. Following are the objectives of RBDS (1) Permits patients to search out and book doctors’ appointments on-line. (2) User will see which era slots are obtainable in real time (3) Patient will Review the Doctor and conjointly search Doctor per review (4) User will realize a particular doctor close by mistreatment GPS

Keywords: Book Doctor Online, Doctors Review, Nearby Doctors, Doctors Background, doctor-patient interaction.

I. INTRODUCTION

The institution and improvement of doctor-patient interaction system could be a vital demand, particularly currently once the online technology is developing chop-chop. The benefits of net is created full use of to create up the time and distance gap between doctors and patients and to supply quick and adequate medical services. Through the association between computers terminals and specific service, each doctors and patients area unit ready to get needed knowledge to attain a much better interaction. ASP.NET could be a net application framework developed and marketed by Microsoft to permit programmers to create dynamic internet sites, net applications and net services, in order that we will develop a doctor-patient interaction system on .net platform to satisfy the requirements of the patient and supply doctors a lot of of economical and convenient means that of communication with patients. This Project bills itself because the Expedia of health care, is leverage the net to unravel a growing frustration - obtaining a doctor’s appointment on short notice. It’s a free service that enables patients to search out and book doctors’ appointments on-line. This Project offers over 100(currently ) appointment at a time with medical care physicians, dermatologists, surgeon…etc. It helps physicians, UN agency pay borderline quantity a month for the service, operate a lot of of with efficiency, fill open slots and boost productivity by entertaining employees from respondent phone calls to providing care. This on-line programming resolution is nice for physicians trying to create a replacement apply in an exceedingly market. This Project filters physicians supported postal code, specialty, town and GPS. Medical practitioner credentials area unit verified and users will browse reviews written by patients UN agency has verified have seen that Doctor. The web site integrates with a physician’s electronic programming system and is updated in real time.

II. RELATED WORK

Here we present a doctor-patient interaction system based on ASP.NET Platform. In this system user can filters physicians based on ZIP code, specialty, city and GPS. Physician credentials are verified and users can read reviews written by patients who has verified have seen that doctor. The website integrates with a physician’s electronic scheduling system and is updated in real time. User can also find nearby doctor by using GPS Technology and also sort doctors list according to reviews, experience, male/female etc. User can check doctor Profile information such as Experience, qualification, Address, Specialty, contact, images etc. User will get confirmation text massage and email after he/she successfully book the appointment. Paper describes the needful things that the Doctor has to do every day. In this paper, we solve this problem by proposing a new system based on ASP.NET technology, through that the doctor can manage his/her appointments by accessing his/her own account. User can access this website through smartphone and book appointment within 2-3 min. Our solution is to build a system that will help the needful people or every person who wants to save their precious time. This removes the need for a technician to install software and enormously quickens the implementation of a patient monitoring system.

III. FEASIBILITY STUDY

The practicableness study is major issue that contributes to analysis of system. In earlier stages of web site development, it's necessary to envision whether or not system is possible or not. There are four aspects of checking practicableness. Detail study was done out to envision workability of planned system, therefore the practicableness study is system proposal relating to its workability, impact on organization, ability to fulfil user needs and effective use of resources therefore once application
progresses, it ordinarily goes through a practicableness study and risk analysis.

IV. PROPOSED SYSTEM

The application uses Asp.net as a front-end and Sql database as the back-end. The proposed system consists of two panels: Doctor and Patient.

- The user will first visit the website and have to enter symptom type and/or city and/or zip code. You can enter any of the field or all the field and hit Search button.
- According to the field system generate doctors list which you can sort by Patient review, experience, distance etc. Each result entity contain doctor name, photo, specialty, address, and reviews rating by the patient you can view doctors bio data such as qualification, experience, address and can also read the reviews by clicking doctors name from the list.
- On the left hand side of each doctor name there are available and booked appointment slots which you can see date wise on same searched list.
- If u want to book available time slot of a doctor then click on that time slot. You will see patient log in and Registration page where you have to register yourself or if you already have account then you can log in.
- After log in next page you will see patient detail in which you have to enter patient detail and patient previous medical history after that you will get OTP on registered mobile number to verify registered user.
- After this successful booking you will get confirmation text message and email which include booking id, booking Date, timing, doctor name and address with contact number. Patient can enter username and password to access his/her account and can see previous booking history and can cancel current booking.
- In doctor section doctor can access his/her account by entering username and password or new doctor register himself and create account. In his/her account doctor can see all patient list which patients booked an appointments and can accept or reject that appointments if doctor reject an appointment patient will get rejection massage and email.

Figure Shows the System Architecture in which how Patient and Doctor can interact by using this System.

1) Figure A

2) Figure B

V. EXISTING SYSTEM

The existing system consists of booking a doctor’s appointment through the website. The website is called “practo.com”. The website is very useful as it provides various features. The appointment confirmation is given by a sms. The main drawback of this system is that, it is a website and one requires a very good internet connection as loading of web pages may take a long time. Along with this, there is another android app available on play store but it is a paid app, hence everyone cannot afford to use it.

VI. CONCLUSION

This system aims to alter the task of the patient and therefore the doctor. It’ll build patients additional relaxed as they are doing not need to substitute a protracted queue to mend their appointment and conjointly book a rendezvous consistent with their alternative in a very additional convenient approach. Doctors needn’t worry regarding managing their appointment. Although you’re not progressing to clinic for taking a rendezvous, your appointment gets set-aside from anyplace and but you wish. This helps to avoid wasting the time of Patient. Conjointly the patient will get the doctor of his alternative through numerous filters employed in the appliance. The doctor is additionally ready to read his day to day appointment list that makes it easier for him to set up his schedule. This web site can facilitate to optimize the work of patient and doctor.

VII. ACKNOWLEDGEMENT

First and foremost we want to thank our Guide Asst. Prof. Yogesh Pathak for constant encouragement. With great
pleasure and gratefulness we extend our deep sense of gratitude to Dr. Nita Thakre, HOD, Computer technology, Priyadarshini College of Engineering and a sincere thanks to Prevoyance Technology Pvt. limited for giving us an opportunity to develop this website under their shelter and constant guidance. Lastly we wish each and every person involved in making our dissertation successful. Thank You

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