Physiotherapist's Portal

Prof. Asitha Nadar[1], Samson Dsouza[2], Tanmay Mitna[3]

[1]Professor, Dept. of IT Engineering, St. John College of Engineering and Management, Palghar, India
[2,3]Student, Dept. of IT Engineering, St. John College of Engineering and Management, Palghar, India

---

Abstract - *Today, technology is advancing. People always want to live life with less physical activity. Here we provide the 'Physiotherapist's Clinic' website. This project is an external project and is based solely on the needs stated by the client. This website focuses on meeting the required requirements specified by the client. The website is designed for the Physiotherapist's Clinic which is "Dr. Manoj's Ashtavinayak Physiotherapist Clinic". This website is a site that can be used on any compatible tablets, PCs, laptops and mobile phones. The application will also deal with website and data security. With the growth of technology we can see an increase in the number of patients. It is a very stressful task to keep track of each patient. Growing technology reduces workload and achieves the desired result in the most efficient way possible. The aim of this project is to reduce the effort required to manage the various activities in the clinic. Customer has informed us of the requirements of its site and we will focus on meeting all the needs of our customer. So, we built an app that is compatible with the new age technology and features - user friendliness, information and time saving.*

***Key Words*: Web portal, database, workspace, storage.**

1. INTRODUCTION

The in-house project "Physical Therapy Site" will be developed to maintain clinical activities such as appointments, patient history, follow-up information, patient response form, online blogs, online emergency services and staff information. easily keep clinical records This project is a website that contains different domains that are grouped together. The site will have different options: 1. Admin side view 2. Patient viewing. This project is very useful for patients who want to avoid physical appointments and book online appointments. The Internet is often the backbone of all technology. pie chart as required by manager. Details of the appointment can be seen by the administrator and patients. The system will store all patient and staff information on the website. Patient information such as patient personal information, medical information, and any other personal information may be stored securely on the Web site. SSL encrypts all data that passes from the website to the server, so visitor information is secure. Patient information should be kept confidential and securely used.

2. Literature Survey

The survey related to this app includes activities from a variety of different sources. These sources include a variety of car shows and repair centers, various online sites related to similar previously developed projects.

Dinesh Hasabe, Nikhil Mane, Rahul Sanap, Abhilash Gursale et al [1] propose a Web Portal to offer a variety of services. The system provides basic services and additional services such as email response system, data security using the AES algorithm. Here the data is protected using the AES encryption algorithm. But the proposed plan fails to state any plan for project planning and hosting services. Which means there is no service plan or repair.

Pratibha Yalagi and Chaitrali Dangare et al [2] proposed Design for the Education Website. The website provides E-learning services such as assignment delivery, reading, tests, records. Provides essential and basic services but does not meet safety requirements. They have provided effective E-learning methods but no safety measures have been identified.

Hamid Sadeq, Qusay Kanaan, Mustafa Mahmood, et al [3] proposed Design and Use of an E-Commerce Purchase Website The application for an online website application is explained. It is based on an e-commerce website that provides shopping and add-on services for cart. It considers key features but also lacks the correct alignment in responsive construction.

Jie Gu, Fang Wei, Ke Yu, Rui Cao, Yazhou Shiet al. [4] Focuses on Predicting Consumer Asking and Purchasing User Objectives on the Automotive Website. Based on a statistical method that predicts whether a user intends to purchase a car or not. The services provided by the android system are easy to use and work for the average person to use. But the problem is that there is no kind of database management

Chia-Huei Wu, Yu-Cheng Lee, Yong-Chi Chang, Sang-Bing Lin et al. [5] The quality of the proposed measurement service for vehicle maintenance. Evaluating service quality in terms of patient expectations and service ideas. It considers important features but also has no features There is no proper interaction or communication between patients and management.

3. Proposed System

The application consists of two parts: the admin side and the patient side. The system would work for patients and administrators differently. The available content for patients

will differ from that for content that is visible to the administrator. Definitely an admin can view the patient's side page but patients will not be able to access the administrator content. Patient information will be stored on the website. The application consists of two parts: the management side and the patient side. The system would work for patients and administrators differently. The available patient content will be different from the content that appears in the manager. The administrator will definitely have access to the patient page view but the patient will not have access to the administrator content. Patient data entered will be stored securely using the MySQL website and will be sent for future use

4. System Architecture at the admin side:

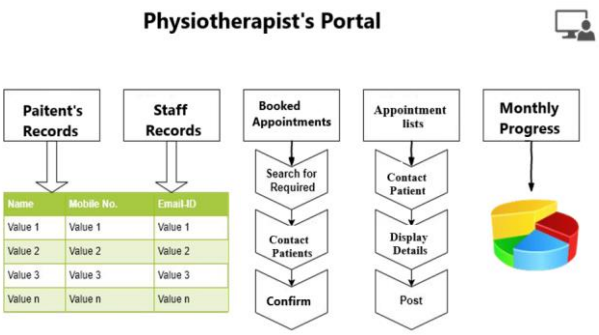

Fig.4.1 Block diagram at Admin-side

On the admin side: The administrator will have access to patient records, staff records, all time frames, Patient records on the director's side refer to patient details, appointments made at the time of their appointment, appointments made on their appointments, additional features. provided according to patient needs, patient expenses and tracking schedule for the next appointment. The manager will be able to access patient records, staff records, appointments and all necessary clinical information. Patient records on the admin side refer to patient details, additional features provided according to the patient's needs, patient-paid expenses and tracking schedule for the next appointment. Employee records on the part of the supervisor include the presence of employees, the number of hours worked by employees, the number of days worked by employees and the remuneration to be paid in respect of their duties. Then the last job on the manager's side includes tracking the profit or loss of a monthly clinic. The monthly clinical track will be provided using data from the website and analyzed to provide the required graphs. By looking at the graphs the manager would find the monthly progress of the clinic and make the necessary change.

System at patients side:

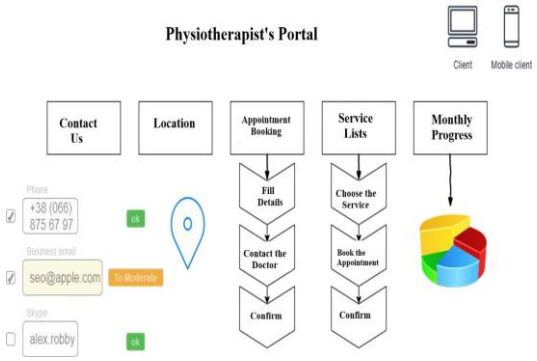

Fig. 4.2 Block diagram of the patients-side

End of patients: The patient will be able to contact the clinic directly and will be able to locate the facility when they need a clinic. He will be able to schedule his appointment as he will also receive a notification from the clinic when the time comes. He does not have to track his appointment, as he would be notified whenever necessary. The patient can choose from a wide variety of services available at the clinic according to their needs and book them with the help of a website. On the monthly progress tab the patient can view the date on which the appointment was made.

5. Results

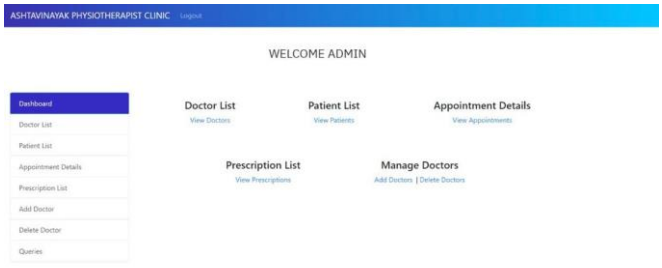

Fig. 5.1 Admin Dashboard

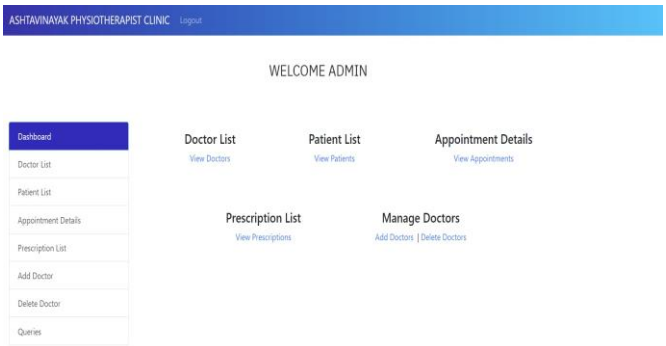

Fig. 5.2 Appointment booking interface from Client Side

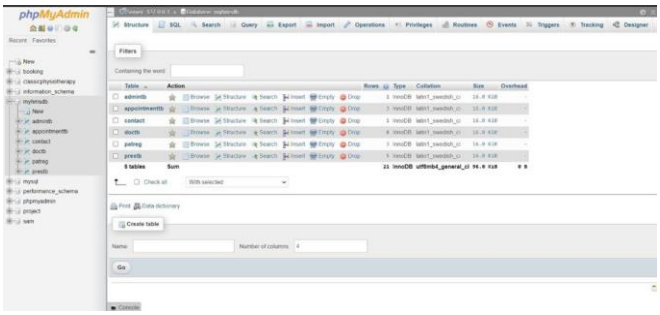

Fig. 5.3 Database storage

Director dashboard as shown in Fig. 5.1 specifies some key features to facilitate the controller. The administrator can view appointments, add or remove doctors, view patient details, etc.

Figure 5.2 shows the visual booking connector made available on the client side. The client can easily book an appointment with current doctors or according to their needs. The doctor will either accept or reject the appointment.

All information is securely stored on the website and can only be accessed by the administrator with permission. A glance at the website can be seen in Fig. 5.3.

6. Conclusion and Future Scope

We can conclude that the proposed system used to reduce human effort and the comfort of human life, collectively, with modern technology. This app has rich user connections so users can easily access the app. Several easy-to-use codes have also been adopted. The purpose of software programming is to provide a framework that allows the manager to make the right amount of time and integration of different applications into one software to reduce the costs incurred by purchasing software by the company at the beginning of the software project and should be updated regularly as the project progresses. This website provides management reports such as appointment records, patient medical information etc.

Future Scope can be after this successful project we can also make some changes to this project and the Delivery of Other Clinics.

REFERENCES

[1] Dinesh Hasabe, Nikhil Mane, Rahul Sanap, Abhilash Gursale, “Web Portal for a variety of services”, IEEE, 2019

[2] Pratibha Yalagi and Chaitrali Dangare, "Website Design Design for E-Service Provider", International Journal of Computer Science Engineering and Information Technology Research (IJCSEITR), 2017

[3] Hamid Sadeq, Qusay Kanaan, Mustafa Mahmood, “Designing and Implementing an E-Commerce Purchase Website”, International Journal of New Research in Advanced Engineering (IJIRAE), 2017

[4] Chia-Huei Wu, Yu-Cheng Lee, Yong-Chi Chang, Sang-Bing Lin, “Quality of vehicle maintenance measurement service”, IEEE, 2016

[5] Jie Gu, Fang Wei, Ke Yu, Rui Cao, Yazhou Shi," Predicting the Inquiry and Consumer Purchase of Users on the Vehicle Website", [2015]