Health with Medicine Management System

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Abstract- Online Health with Medicine Management is a system that practically concentrates on the associative standards of the medical diagnosis. The application increases in its size through the database, as the research activity increases within the organization. The present application concentrates on the relative information that has been stored at the level of the organization while the system is under the process of execution. To keep the latency of the system at the lowest profile the system manages all the information in SQL Server database, to keep at least of the database standards that are exists at the industrial level. The application has been developed using the Java technologies to keep pace with the present trends of the industrial requirements. The different standards of the Java technology have been adapted to cater to the standards like intranet based standards and browser specific user interfaces the Java MySQL database connectivity has been exploited for the database interactive standards. In this system provide computerized data storage facility. We can search easily any record. The new system requires less time for completion of any work. All the stock of medicine is update automatically in the new system. The system is user friendly and anyone having computer knowledge can handle it easily. Suitability for computerized data entry. Maintaining stock, Supplier information, Customer information & bill information are easy.

Keywords- Doctor, Patient, Medicine, Prescription

1.   INTRODUCTION

In today's the worlds of medical agency are trying to provide more reliable and accurate services in their field, offering services to the customers and employees with all the available choices in their interest. It may be a leading many different medical shops. Every Shop now a day is trying to computerize its activities to provide better services to its customers. The aim is to automate its existing manual system by the help of computerized equipment, and full-fill their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation. This system enables to manage and record the activities of whole medical shop. It enables the other staff to provide their services in a more systematic and efficient manner, hence improving the good will of concerned institute. This helps the administrator to analyse upon the performance of institute. This system organized their daily activities like billing, tablets information, stock details and more. In medical present trend this application is used in every medical shop. This system will save time and increase work efficiency.

Medical Shop Management System is a web application project developed for medical shop. This system is a field concerned with purchasing and generating reminders sales invoices and generating reminders of expiry date about medicines. It requires more time and effort when all procedures are performed manually. To reduce time consumption and human effort the "Medical Shop Management System" web application can be applied in medicals. Where the manual procedure is exists. The purpose of this project is to reduce time consumption and human effort. This application provides user friendly interface. The software to be produced is on "Medical Shop Management System". There are two users. First is the admin who enters all the different types of masters. He also can update or delete the information added by him. The admin has the highest authority than any other normal user.

Admin provides username and password to other unauthorized person. Unauthorized persons can log into the system using id and password given by the admin. The master details will not be available to the normal user. The total amount will be displayed in the form and the record will be saved in the database. A report will be printed for the manufacturers as to which product and how many products need to be manufactured.

The entire project has been developed keeping of the Distributed client server computing technology. The user interfaces are browser specific to give distributed access for the overall system. The internal database has been selected as My SQL Server. The My SQL Server was a choice as it provides the constructs of high level of reliability and security. The total front end dominated using HTML standards applied with the dynamism of JAVA. The client communicates using User Interface designed. The database connectivity was planned using the JAVA Database Connectivity. The user level access has been restricted into two zones the administrative and the normal user zone.

1.1 Objective

Main objectives of the proposed system are:

- To concern doctor with doctor online and give proper treatment and medication.
- To manage the information of Medicine Stock.
- To integration of all records of order.
- To editing, adding and updating of records is improved which results in proper resource management of Customer data.
- It deals with monitoring the information and transactions of Medicine Stock.
- To increase the efficiency of managing the Customer, Medicine Company.
- To manage the information of Medicines, Customers, etc.

2. LITERATURE SURVEY

2.1 RELATED WORK

Omprakash Yadav & Bhikaji Ghadigaonkar, "E-Commerce Website on Medical and Pharmacy" [1] E-Commerce (Electronic Commerce) involves selling and buying services and goods via the internet, and the technology increases, more businesses are conducting Ecommerce transactions to gain competition advantage .The purpose of this project was to determine the most influential factors withholding pharmacies from exploiting EC to their competitive advantage. This project was undertaken because drugstore pharmacies have failed to opportunities for E-Com .Thus this research is important because there is little information about pharmacies and EC in drugstore This project provides a way to create a Ecommerce website on Medical and Pharmacy .By the help of this project customer will be able to search and buy the medicine from anywhere and as per the requirements. This project includes giving suggestion of the doctor to the customer/patient. Project will provide information about different offers on buying of product/medicines. It would also provide methods to change the quantity of products purchased and edit the cart. Payment could be made through cash or online using credit card payment methods. This project is evolution in the medical Drug shopping, it minimize the effort and save the time to buy the medicine.

Kapil Sharma, Rinku Sharma, "Online Medicines and Medical Products Shopping — A Brief Study". [2] Expanding extent of services are presently electronic services conveyed over the Internet. Internet and online websites has changed our way of shopping completely. As we know that almost everything is going to be online.[4] The web has long been a source of medical data; it has just as of late been utilized for online shopping medical products. Now, medicines are also available online it can be order by mobile application or website, then the seller will be delivered it as soon as possible they will provide various payment options also viz. payment while buying through credit/debit card and cash on delivery.[3] Several advantages and disadvantages of online medicines shopping are examined and can be discussed in this paper. Some important factors that should be keep in mind while shopping medicines are also discussed in this paper. This study is one of the first such studies, which helps people to buy medicines online it also promotes e-commerce and mcommerce.

2.2 PROBLEM STATEMENT

The proposed medical Booking Store system will completely revolutionize the industry. Searching of products, order placing, billing and product stock can be maintained by a single click. The order placed can be easily tracked at any time. The payment of the order can also be done by credit cards.

3. PROPOSED SYSTEM

The proposed system can overcome all the limitations of the existing system. [5]The system provides proper treatment as well medications and reduces the manual work. The proposed system tries to eliminate or reduce these difficulties up to some extent. The Minimize manual data entry.

- Better services
- User friendliness and interactive

Minimum time required proposed system will help the user to reduce the workload and mental conflict. The proposed system helps the user to work user to work user friendly and he can easily do his jobs without time lagging. It has got following features.

- Ensure data accuracy
- Secure data accuracy
- Proper control of the higher officials
- Minimum time needed for the various processing
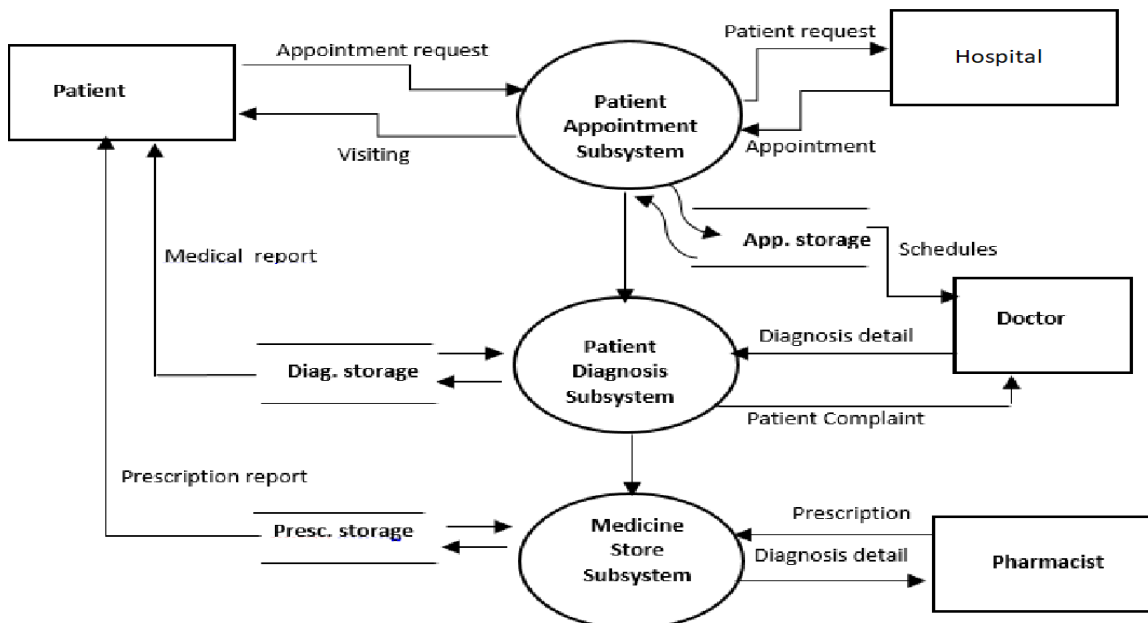
4. WORKING METHODOLOGY

Fig-4.1 Architecture diagram of proposed system

4.1 Working Methodology

- **Patients Module:**
  o Patients can register using general details and send request to admin.
  o Patients can login through the login credentials if Admin accept the request.
  o He/She can consult with Doctor by using Bot.
  o Patient enters his/her symptoms and personal details.
  o Request for prescription as well as he/she can order medicine through this module.
  o If accept medicines request then pay bill.

- **Doctor Module:**
  o Doctors can register using general details and send request to admin.
  o Doctor can login through the login credentials if Admin accept the request.
  o Check patient's requests and symptoms.
  o If accept patents request then give treatments and prescription.

- **Admin/Shopkeeper Module:**
  o Shopkeeper can register using general details and send request to admin.
  o Shopkeeper can login through the login credentials if Admin accept the request.
  o Manage Stock i.e. Add, Update, Delete.
  o View patents request for medicines.
  o If prescription is in patents request the accepts the request otherwise reject request.
  o Check prescription, available all medicines then send bill to patent.
  o If patients payment received then place order.

- **Stock management Module:**
  o Stock management module will handle with available stock and can update the stock database.
  o Expired medicines will be dismounted from the database through stock management module.

- **BotDoctor module/Prescription Module:**
  o -BotDoctor module will allow system to give prescription as per the customers symptoms
  o -Can read the prescription also given by a customer and verify it and then only prescription will provide to customer

- **Admin Module:**
  o   -Request evaluations
  o   -Report generation
  o   -All the orders, payment and stocks report can generated by this module automatically.

- **Reports**: Stock reports, shop inventory reports, dealer reports, manufacturer reports, products returned reports, refunded amount, paid amount reports can be generated.

5.   MODULE IMPLEMENTATION

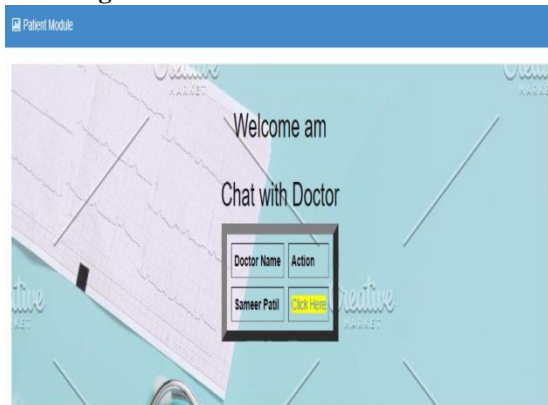**Fig5.1 Patient Login**
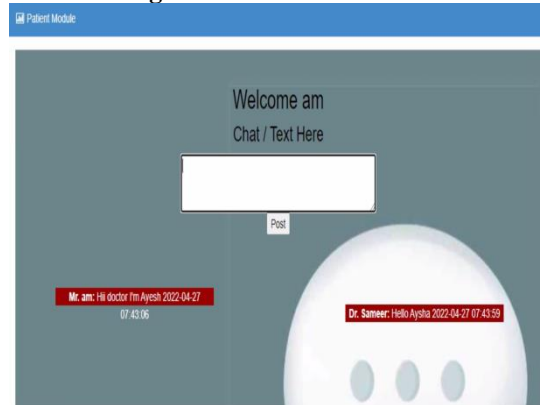

Fig5.2 Patient Symptoms

Fig5.3 Chat with doctor

Fig5.4 Chat Box

Fig5.5 Doctor Login

Fig5.6 Patient Details & Symptoms

Fig5.7 Uplod Prescription

Fig5.8 Admin Login

Fig5.9 Doctors Information

Fig5.10 Patient Information

Fig5.11 Shopkeeper Login

Fig5.12 Order Sent by Patient

Fig5.13 Shop Employee Registration
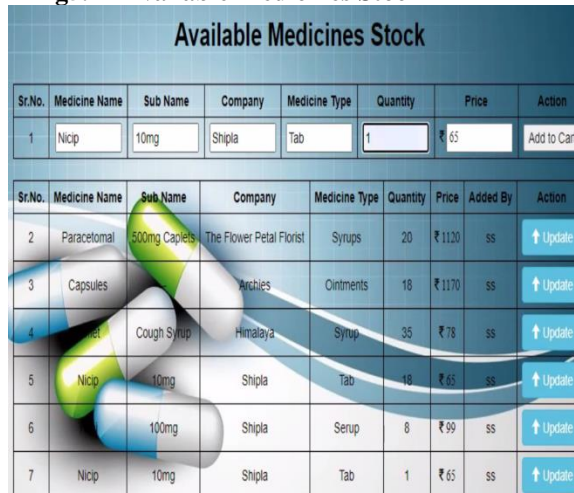
Fig5.14 Available Medicines Stock

Fig5.15 Added to Cart

6. FUTURE SCOPE

As this study is new so there will be lots of research needed in this field that will help sellers and buyers of medicines and medical products.

7. CONCLUSION

There is a clear association of online buying of medicines and medical products with pharmaceuticals companies. This study helps seller and buyer in identifying the advantages and disadvantages of online buying/selling of medicines and medical products and this paper also promote digital India concept as buyers will buy more on internet because they are getting discounts and it also saves time.

From this study, after reading disadvantages the seller of medicines and medical products will also get an opportunity to make proper changes so that they will be able to get more sell.

The aim of the site is reliability, availability, security, portability. There can be scope of improvement in the website. After implementation of this website, it will not only helpful for the user but also signifies the study content to everyone.

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