

Design of Online Medicine Supply System in Connection with Supplier and Customers

Sawant Aniruddha Rajesh¹, Bhate Purva Piyush², Banne Aarya Balkrishna³, Golandaj Sahil Raju⁴, Hegade Vaishnavi Shankar⁵, Kharat Srushti Sanjay⁶, Mr. Divate Chandrakant Pandurang⁷

¹ATS Sanjay Bhokare Group of Institute Miraj
Computer Engineering Department, Maharashtra India.

Abstract: In the present time, the medical stores are looking for the services that are accurate and reliable for providing services to the customers and workers. Every store is making efforts to computerize their activities for providing better services to the customers. The medical store management system is the system used for medicine stock inventory in the medical stores. This system enables the manager of the store to record and manage all activities of the medical shop. This system also enables the workforce of the medical.

Store to offer their services in a manner which is more efficient and systematic which also improve of the medical store. This also helps in analyzing the performance of the store. the medical store management software can organize the daily activities in the medical store such as information of tablets, billing, Details of stock and others. The medical store management software enables to maintain the details of purchase stock by the store and the details of the selling stock by customer wise. This software generates the automated bill for every sale and also generate the reports for the customer detail, sell and stock. The use of this system reduces the time and effort involved in enables the managers to easily record the details of their suppliers and assess them whenever required. The use of medical store management system improves the efficiency of staff of the store as it provides information about the medicines and its location in the store. the medical store management system can give ease to the medical stores in managing their paper.

Work, payment details and inventory online along with retrieving managing inventory of the medical store. It also reduces the hard work involved in using paper for record keeping. The use of this system them.

Keywords: E-medical Supply, php, xaamp, web- application.

1. INTRODUCTION

The medical store management system is the system used for medicine stock inventory in the medical stores. This system enables the manager of the store to record and manage all activities of the medical shop. This system also enables the workforce of the medical store to offer their services in a manner which is more efficient and systematic which also improve of the medical store. This also helps in analyzing the performance of the store. The medical store management software can organize the daily activities in the medical store such as information of tablets, billing, details of stock and others. The medical store management software enables to maintain the details of purchase stock by the store and the details of the selling stock by customer wise. This software generates the automated bill for every sale and also generate the reports for the customer detail, sell and stock. The use of medical store management system improves the efficiency of staff of the store as it provides information about the medicines and its location in the store. The medical store management system can give ease to the medical stores in managing their paper work, payment details and inventory online along with retrieving them.

2. Literature Review

- [1] ONLINE PHARMACY IN INDIA: A STUDY ON DIGITAL MARKETING PERSPECTIVE - PRABAL CHAKRABORTY (NSHM KNOWLEDGE CAMPUS).FEB2019.
- [2] QUALITY OF ONLINE PHARMACIES AND WEBSITES SELLING PRESCRIPTION DRUGS: A SYSTEMATIC REVIEW- PETER.J. SCHULZ (UNIVERSITY OF LUGANO).SEPT 2020.
- [3] E-Pharmacy Impacts on Society and Pharma Sector in Economical Pandemic Situation – Singh.H. Majumdar. (Smriti College of Pharmaceutical Education Indore, M.P., India).15 Jun 2020.
- [4] E-pharmacy vs conventional pharmacy - S.V. Chordiya, (Principal, Gangamai Institute of Pharmacy, Maharashtra, India). 15 June 2020.
- [5] Online Pharmacies: A boon or bane – Chetna Desai Collage, Ahmedabad, Gujarat, India 20 Oct 2016.

3. Problem analysis and Likely Benefits based on Literature Reviews

1. The risk regarding the system is the main constraint of this project which is relevant to the compatibility of the program with system. The system constraint is caused due to the processor, hard disk and RAM used in developing the medical store management system.
2. The next risk is related to the quality of the project. The maintenance of quality in a project is important for achieving the outcome of the software. The purpose of designing the medical store management system is to reduce the time and space involved in record keeping and inventory management in medical stores. The reduction in quality can impact on the performance of software.
3. The scope is the last constraint of this project. The project is need to full fill its scope as it makes the project cost effective and maintain the quality of it.

3. Objectives

The objective of this project is to organize the medical store details like stocks, medicines, expense, sales and others. The project mainly developed at the administrative end and therefore it only provides access to the administrator of the store. The medical store management system is developed as application program for reducing manual work managing medical store, it also helps in keeping track of all the details regarding the expense, stocks and sales.

- To provide searching facilities on the basis of various factors like stocks and theirs.
- To manage the user details for analyzing sales and expenses.
- To keep track and manage all information.
- To show the description and information of the stocks and others.
- To enhance the efficiency of management in medical store.
- To monitor the information regarding the transaction of the sales.
- To improve the function of edit, add and update the records for the proper resource management.

4. Methodology Used:

- Module 1: DashBoard.
 - Display offers.
 - Company profile.
- Module 2: Supplier login module
 - Register.
 - Add/edit/delete medicine.
 - Add/ edit/manufacture.
 - Add/ edit/ delete offers of medicine.
 - Display stock.
 - Feedback.
- Module 3: customer user login
 - Registration.
 - Search medicine.
 - Display medicine with shopkeepers.
 - Add to cart.
 - Generate bills.
 - Place order.
 - Track record.
 - Find medicine shop location.
 - Feedback.
- Module 4: Delivery user login
 - Registration.
 - Address details with GPS.
 - Check order.
 - Update delivery status & Release.
 - Get payment.
- Module 5: Admin panel
 - Display all reports supplier/customer.
 - Automation system.
 - Placed order.

5. Facilities Required

Name of Equipment	Specification	Cost	Available
Laptop / Desktop	I5 processor, 6 GB RAM, Mouse, 1 TB HDD	Rs 60000	Yes
Operating System	Windows 10 proper setup	-	Yes
Visual studio code	17.0	Free	Yes
Xampp server	3.2.3.0	Free	Yes
Proper PHP setup	Proper setup in vs code	Free	Yes
Firefox/Chrome	Latest version	Free	Yes
Localhost	80 or 3306 port	Free	Yes
Total		Rs 60000	

6. Feasibility Study

- **Operational Feasibility**-Authorized users can easily access the details.
- **Technical Feasibility**- Store information related website.
- **Economic Feasibility**- Building low-cost medicine supply website.
- **Reliable** – As website is developed hence we will get results any time anywhere foany place on the world.

Conclusion

The medical store management system helps in gathering the perfect in the details. The collection and storage of data with the help of this project. Will be sensible, obvious and simple. It also helps in understanding the management of the previous time vividly. It also helps in performing the various. Functions of medical store. The medical store Management system is developed to provide ease in documentation, keeping records, maintaining inventory and payment in the medical store which requires proper record keeping and management. The project also helps the manager or administrator of the medical store to assess the stored information in the time of need such as for contacting the suppliers.

References

- [1] Oliver AJ. Internet Pharmacies: Regulation of growing industry. J Law, Med Ethics. 2000; 28(1):98-101.
- [2] Internet Res 13(3): e74. Brushwood DB. Responsive regulation of Internet pharmacy practice. Ann Health Law 2001;10:75-103
- [3] Fittler A, Vida RG, Káplár M, Botz L,“Consumers Turning to the Internet Pharmacy Market: Cross-Sectional Study on the Frequency and Attitudes Hungarian Patients Purchasing Medications Online”J Med Internet Res,2018; 20(8):11115.
- [4] Orizio G, Merla A, Schulz PJ. Quality of Online Pharmacies and Websites Selling Prescription Drugs: A Systematic Review. J Med Internet Res 2011; 13(3): e74.
- [5] Online pharmacies: A boon or bane - Chetna Desai (Department of Pharmacology, B.J. Medical College, Ahmedabad, Gujarat, India. 20 Oct 2016.