

"Store Up" a Store Management System

Sanskar Soni, Trilok Shivhare, Sumit Rai, and Shrey Parihar*
Acropolis Institute of Technology and Research Indore, India

Corresponding Author*

Shrey Parihar
Acropolis Institute of Technology and Research,
Indore, India
E-mail: sonisanskar223@gmail.com

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Abstract

The purpose of the Store Management System is to automate the existing manual system with the help of computerized equipment and full-fledged computer software, fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same. The required software and hardware are easily available and easy to work with. Store Management systems, as described above, can lead to error-free, secure, reliable, and fast management systems. It can assist the user to concentrate on their other activities rather than concentrate on record keeping. Thus, it will help organizations in better utilization of resources. The organization can maintain computerized records without redundant entries. That means that one need not be distracted by information that is not relevant while being able to reach the information. The aim is to automate its existing manual system with the help of computerized equipment and full-fledged computer software, fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy access and manipulation of the same.

Keywords: Invoice generation • Payment in • Payment out
• Bills • Customer • Credit • Stock • Item • Item category • Store

Introduction

The "Store Management System" has been developed to override the problems prevailing in the practicing manual system. This software is supported to eliminate and, in some cases, reduce the hardships faced by these existing systems. Moreover, this system is designed for the particular need of the company to carry out operations smoothly and effectively. The application is reduced as much as possible to avoid errors while entering the data. It also provides an error message while entering invalid data. No formal knowledge is needed for the user to use this system. Thus, by this, it proves it is user-friendly [1].

Store Management systems, as described above, can lead to error-free, secure, reliable, and fast management systems. It can assist the user to concentrate on their other activities rather than concentrate on record keeping. Thus, it will help the organization in better utilization of resources.

Problem Formulation

We have taken this project because of the following reasons:

- In most of the stores still most of the work is completed manually by using paper records. It is a place where we get all our daily use basic requirement products. This is one of the difficult jobs to administrate. Most of these jobs are done manually [2,3].
- In the existing Store Management Systems, we can manage inventory, records, customers, sales, and stock but there is no particular feature to manage customer credit. There are separate apps to manage credit but that makes one's job more difficult [4].

Literature Review

Store management is the activity of controlling the continuous flow of inventory in any organization, which is into production, trading, sales, or services. Despite the reality that the rise of store management is inexact, it would be safe to say that shopkeepers and merchants were some of the initials to explore these fields. Yet the interest in this managerial field is still great in the phase of optimization [5]. Low inventory usually results in stock outs and maintaining excess inventory results in additional holding costs. Store management is an essential and much-required activity that every organization would like to consider for various purposes to maintain the customer's goodwill and to make comparatively high profits. The goal of each inventory planner is to achieve an optimum inventory controlling plan.

Methodology

Our project "Store Management System" is an idea that will harness the power concept of billing and record-keeping, we planned this project to benefit everyone associated with it. As we are starting this from commence, it was not easy to set a perfect plan at one time therefore we adopted the Agile Methodology. As this Methodology is a practice that promotes continuous iteration of development and testing throughout the software development lifecycle of the project [6]. In the Agile model in software testing, both development and testing activities are concurrent, which makes it easy to bring a change whenever required according to the need. Therefore, we put an idea into theory and then get into the implementation, if the implemented concept doesn't satisfy us up to mark, we again try to get into a new idea of presenting and because of this, it is more of practice and execution concept into the working model [7,8].

Result and Discussions

Our project is only a humble venture to satisfy the needs to manage business work. Several user-friendly things have also been adopted. This package shall prove to be powerful in satisfying all the requirements of such a management system. The objective of software planning is to provide a framework that enables the user to manage store-related things like Inventory Management, Customer Management, Transaction, and Sales Management easily and simpler.

- A simpler way of managing inventory
- A better tool to keep a record of transactions and sales
- A better way to manage customers
- A better way to look through the stocks
- A better way to manage customer credits
- A user-friendly interface for doing all these things

Conclusion

Our Project, "Store Management System" is an idea that will harness the power concept of inventory management, invoice generation, customer management, and credit management. Our web app can do a lot of benefits to everyone who will use it.

And to conclude that the Store Management System can lead to an error-free, secure, reliable, and fast management system with a user-friendly interface.

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References

1. Kelly, S.D.T., et al. "Towards the implementation of IoT for environmental condition monitoring in homes." *Inst Electr Electron Eng* 13.10 (2013): 3846-3853.
2. Bin, S. et al. "Research on data mining models for the internet of things" *International conference of image analysis and signal processing* (2010): 127-132.
3. Dickey, N. et al. "Home automation using cloud network and mobile devices." Conference proceeding of IEEE Southeastcon (2012): 1375-1384
4. Deokar, P., & Nagmode, M.S. "A survey on home automation using cloud network and mobile devices", *Int J Latest Trends Eng Technol* 3.3 (2014): 129-132.
5. Zhang, C. et al. "Analysis on data mining model objected to an internet of things" *Int J Innov Technol Explore Eng* 4.21 (2012):615-622.
6. Cooper, J., & James, A. "Challenges for database management in the internet of things." *Inst Electron Telecommun Eng Tech Rev* 26.5 (2009): 320-329.
7. Bhide, H.V. "A survey on the smart homes using Internet of Things (IoT)" *Int J Adv Res Comput Sci Manag Stud* 2.12 (2014):243-246.
8. Michael, W. "Introduction to Information Systems: Organizations, applications, technology and design" 1st ed. New York Palgrave Macmillan (2004).