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Abstract

- ❖ The medical store management system is a software application designed to automate and streamline the management of inventory, sales, and purchases in a medical store or pharmacy.

- ❖ The system helps in improving the efficiency of various tasks, reducing manual errors, and providing real-time data for better decision-making. The system features inventory management, sales management, purchase management, and accounts management modules.

- ❖ It helps in optimizing stock levels, avoiding stockouts, and minimizing wastage The ultimate goal is to ensure that medical stores have the necessary resources to meet the needs of their customers and provide quality healthcare.

Introduction

➢ A medical store management system is a software application that automates the management of inventory, sales, purchases, and other related activities in a medical store or pharmacy.

➢ This system helps to streamline the overall process of managing and organizing various medical products and medicines effectively. The primary objective of this system is to simplify the day-to-day operations of a medical store, reduce manual errors, and increase efficiency.

➢ It helps the store owner to keep track of the stock levels, monitor the expiry dates of medicines, and manage the accounts payable and receivable. The medical store management system can be customized to suit the needs of different types of medical stores, such as hospitals, clinics, retail pharmacies, and wholesale distributors.

➢ The system can be accessed by authorized personnel from any location, which allows for efficient management of multiple stores or locations.

- ➢ 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 (Hull, 2012).

- ➢ 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 managing inventory of the medical store. It also reduces the hard work involved in using paper for record keeping.

- ➢ The use of this system 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 them.

Aim of the project

- A project on medical store management refers to the development of a software application that automates and streamlines the management of inventory, sales, and purchases in a medical store or pharmacy. The project involves designing and implementing a system that enables medical stores to optimize their inventory levels, minimize wastage, and provide better customer service.

Scope of the project

- The scope for a medical store management system is broad, and it can benefit various stakeholders in the healthcare industry, including medical store owners, managers, employees, and customers.

Purpose of the project

- In proposed system there is no need to maintain data about medicine because all process of that medical store management system project report data done in computerized. The modern age the age of computer is an electronic device, which fetched record very quickly. The computers are very quickly accepted as it as many advantages such as speed, accuracy, security etc. In that medical shop management system project report proposed system all the

  add, edit, delete, search in project of computer are done through computerized system.

Literature Survay

- [**PAPER 2.1**] Improving medical stores management through automation and effective communication

- Authors: Mudera P Cariappa , Mudera P Cariappa , Maj Gen Mukti Sharma's

- Abstract:

- Background: Medical stores management in hospitals is a tedious and time consuming chore with limited resources tasked for the purpose and poor penetration of Information Technology.

- The process of automation is slow paced due to various inherent factors and is being challenged by the increasing inventory loads and escalating budgets for procurement of drugs.

- Methods: We carried out an in depth case study at the Medical Stores of a tertiary care health care facility. An iterative six step Quality Improvement (QI) process was implemented based on the Plan-Do-Study-Act (PDSA) cycle.

- The QI process was modified as per requirement to fit the medical stores management model. The results were evaluated after six months.

- Results: After the implementation of QI process, 55 drugs of the medical store inventory which had expired since 2009 onwards were replaced with fresh stock by the suppliers as a result of effective communication through upgraded database management.

- Various pending audit objections were dropped due to the streamlined documentation and processes. Keywords: medical stores, Inventory management, PDSA cycle, QI processs

[PAPER 2.2] Big data in healthcare: management, analysis and future prospects

Authors:

Sabyasachi Dash, Sushil Kumar Shakyawar, Mohit Sharma, and Sandeep Kaushik

Abstract:

'Big data' is massive amounts of information that can work wonders. It has become a topic of special interest for the past two decades because of a great potential that is hidden in it. Various public and private sector industries generate, store, and analyze big data with an aim to improve the services they provide.

In the healthcare industry, various sources for big data include hospital records, medical records of patients, results of medical examinations, and devices that are a part of internet of things. Biomedical research also generates a signifcant portion of big data relevant to public healthcare.

This data requires proper management and 4 analysis in order to derive meaningful information. Otherwise, seeking solution by analyzing big data quickly becomes comparable to fnding a needle in the haystack. There are various challenges associated with each step of handling big data which can only be surpassed by using high-end computing solutions for big data analysis.

That is why, to provide relevant solutions for improving public health, healthcare providers are required to be fully equipped with appropriate infrastructure to systematically generate and analyze big data. An efcient management, analysis, and interpretation of big data can change the game by opening new avenues for modern healthcare. Key Words: - Healthcare, Biomedical research, Big data analytics, Internet of things, Personalized medicine, Quantum computing

Existing System

Now a days we do all work with computerized system but with current syst em is very complicated to keep the track of all registers and handle them manually. As well as that medical store management system project report work is time consuming & also expensive in that medical store management system work may be not accurate and not fastest.

Disadvantages

□ Time consuming…

□ More expensive…

□ Searching problem…

□ Maintains problem of all registers…

□ Less accuracy…

□ Problem for marking of not normal value…

□ More stationary…

□ Display multiple reports…

PROPOSED SYSTEM

In proposed system, the management needs not to keep any type of registers, which they use to keep in old one. They have work only with one computer. All the detail are computer files. The dual entries are done very quickly as entry in one file only affects the other file where it has to record. In the way there is no need to record the computer operator.

The working through registers system is not only very laborious and time consuming , but there are number of errors found. In comparison to old system.

Disadvantages

1. Time saving…

2. Less expensive…

3. Powerful searching…

4. Solve the problem of maintains register…

5. More accuracy…

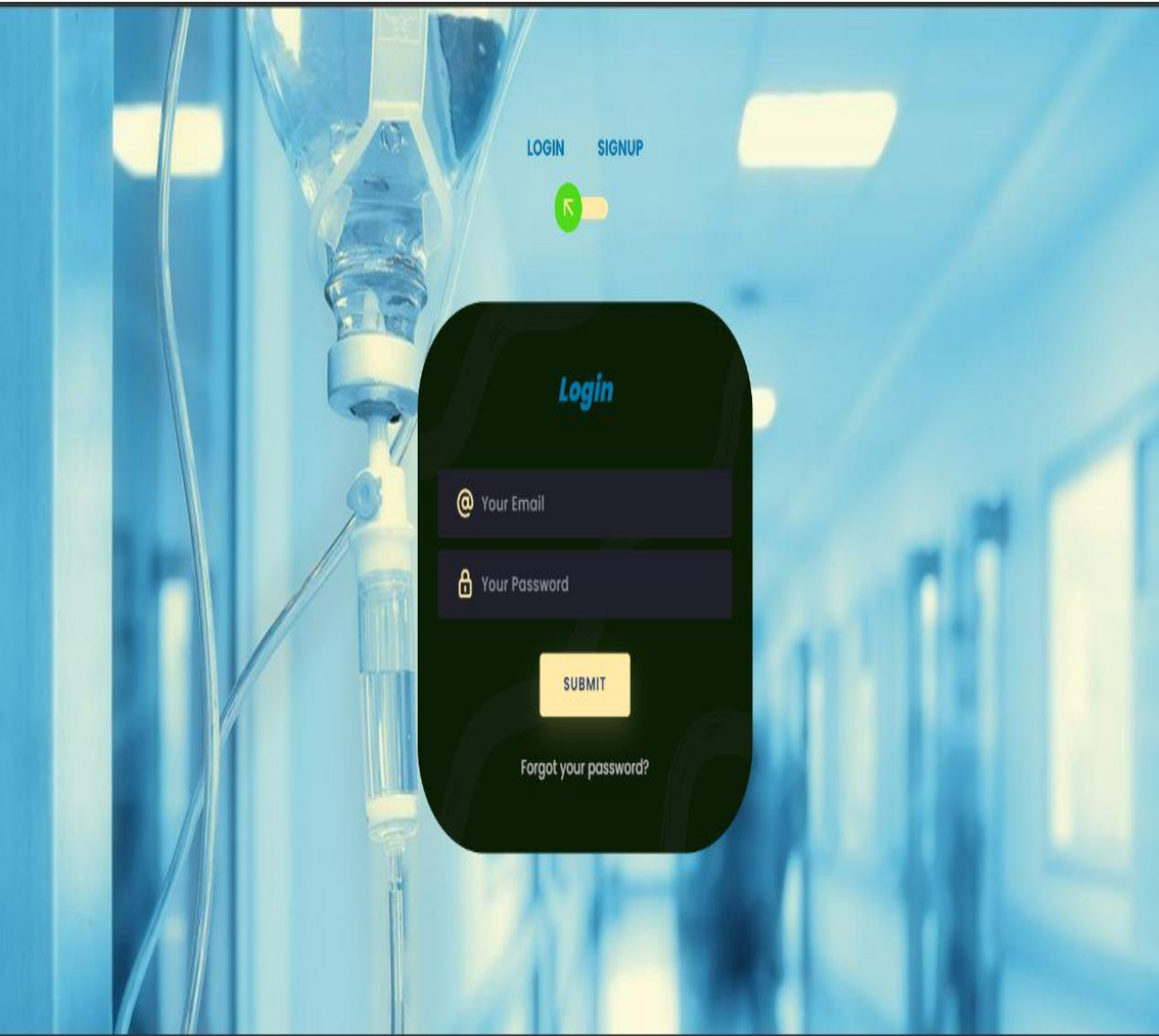6. Easy generate report…

7. Not display multiple reports…

Problem Statement

➢ Many medical stores face challenges with managing inventory, sales, and customer information efficiently. The current manual system of record-keeping is time-consuming and prone to errors, leading to stock shortages, expired medicines, and dissatisfied customers.

➢ Therefore, there is a need for a computerized system that can automate the process of managing inventory, sales, and customer information in a medical store.

➢ The medical store management system should be able to keep track of inventory levels, generate alerts when the stock is low, and automate the ordering process with suppliers.

➢ The system should also be able to record sales transactions, track customer information, and generate reports to provide insights into the store's performance.

➢ Additionally, the system should be user-friendly and accessible to employees with varying levels of technical expertise. It should have appropriate security measures to ensure that sensitive information is protected.

➢ The objective of the medical store management system is to increase efficiency, reduce errors, and improve customer satisfaction by automating key business processes.

DIFFERENCE EXISTING SYSTEM VS PROPOSED SYSTEM

Feature	Existing System	Proposed System
User Interface	Outdated and difficult to navigate	Modern and user-friendly
Inventory Management	Manual system for recording and tracking inventory	Automated system for managing inventory
Sales and Purchase	Manual recording of sales and purchases	Automated system for recording sales and purchases
Billing and Invoicing	Manual billing and invoicing	Automated billing and invoicing
Customer Management	Limited or no system for managing customer information	Robust system for managing customer information
Reporting and Analytics	Limited or no system for generating reports	Advanced system for generating reports and analytics
Security and Access Control	Limited security features and no access control	Robust security features and role-based access control system
Integration with other tools	No integration with other tools	Integration with other tools such as accounting software
Mobile Access	No mobile access	Mobile access for convenient management on-the-go

IMPLEMENTATION OF CODE :

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A Person Who Has Good Physical Health Is Likely To Have Bodily

Functions And Processes Working At Their Peak.

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24/7 Ambulance

This Indicates That Emergency Medical Assistance Can Be Quickly Dispatched At Any Time, Day Or Night, To Respond To Urgent Medical Situations.

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Expert Doctors

Expert Doctors Are An Essential Component Of The Healthcare System, Providing Specialized Care And Expertise To Patients Who Need It Most.

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Medicines

Medicines Providing Is An Essential Aspect Of Modern Healthcare, Helping To Improve Patient Health And Quality Of Life By Providing Safe And Effective Treatment Options For A Wide Range Of Medical Conditions.

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Bed Facility

Bed Facilities Are An Essential Component Of Hospital Infrastructure, Providing Patients With A Safe, Comfortable, And Appropriate Environment For Medical Care And Treatment.

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Total Care

Taking Total Care About A Patient Requires A Collaborative And Multidisciplinary Approach, Where The Patient's Needs Are At The Center Of All Decision-Making.

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your number

your email

your Address

Reason For Taking Appointment

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CLIENT'S REVIEW

Ajay Raj.Goggala
★★★★☆

I Have Been Using This Ourmedical Store Website For Several Months Now And I Am Very Satisfied With Its Performance. The Software Is Very User-Friendly And Has Greatly Improved Our Store's Productivity. I Would Definitely Recommend This Medical Store System To Anyone Looking To Simplify Their Store's Operations And Improve Their Customer Service

Anil.Athukuri
★★★★☆

I Recently Used The Ourmedical Store Website To Schedule An Appointment With My Doctor And I Was Very Impressed With How Easy And Convenient It Was To Use. The Software Allowed Me To Quickly Search For Available Appointment Slots, Select A Time That Worked For Me, And Confirm The Appointment With Just A Few Clicks.

Vamsi.Chennam
★★★★☆

I Recently Received A Free Checkup At My Local Medical Store, Which Was Made Possible Through Their Ourmedical Store Website. I Was Very Impressed With How Easy It Was To Register For The Checkup Using The System - I Simply Had To Enter My Details And Select A Time Slot That Worked For Me.

OUR BLOGS

🟩 11 August, 2022   👤 By CDC

Help To Others Life By Donating Blood Today

Donating Blood Is A Selfless Act That Can Save Lives. When You Donate Blood, Your Blood Is Tested, Processed, And Made Available To Hospitals And Medical Facilities To Be Used For Transfusions Or In The Treatment Of A Variety Of Medical Conditions

Learn More ▶

🟩 27 Feb, 2019   👤 By Government

How Successfully Arranged The Free Check-Up

A Free Check-Up Typically Refers Health Examination That Is Provided To Individuals Without Any Cost Or Fee. These Check-Ups May Be Offered By Healthcare Providers, Clinics, Hospitals, Or Other Organizations As A Way To Promote Preventative Care.

Learn More ▶

🟩 21 November, 2022   👤 By CDC

Increasing Of BloodPressure (BP) In Humans

Blood Pressure (BP) Is The Force Exerted By The Blood Against The Walls Of Blood Vessels. When The BP Increases In Humans, It Puts Extra Strain On The Heart, Arteries, And Other Organs. This Condition Is Known As Hypertension Or High Blood Pressure.

Learn More ▶

🟩 24 May, 2021   👤 By Government

How Many Doses Were Completed In The Covid-19 Vaccination

COVID-19, Also Known As The Coronavirus Disease, Is A Highly Contagious Respiratory Illness Caused By The SARS-CoV-2 Virus. The Outbreak Of COVID-19 Was First Reported In Wuhan, China, In December 2019 And Has Since Spread To Become A Global Pandemic.

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🟩 21 November, 2022   👤 By Indian Express

What Is This H3N2 Virus And How Can It Be Prevented From Spreading?

India Has Recorded Deaths Of Two People, One Each In Karnataka And Haryana, Due To The Influenza A Subtype H3N2 Virus. The Government Said On Friday. It Added That Around 90 Cases Of This Virus Have Been Reported Across The Country..

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🟩 2 May, 2021   👤 By Mayo Clinic

What Are The Most Common Symptoms Of Heat Stroke, And How Can It Be Prevented?

Heatstroke Is A Condition Caused By Your Body Overheating, Usually As A Result Of Prolonged Exposure To Or Physical Exertion In High Temperatures. This Most Serious Form Of Heat Injury, Heatstroke, Can Occur If Your Body Temperature Rises To 104 F (40 C) Or Higher. The Condition Is Most Common In The Summer Months..

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CONCLUSION

- In conclusion, the medical store management system is a crucial tool for managing the inventory, sales, and purchases of medical products and medicines in a medical store or pharmacy.

- By automating various processes, the system can help in improving efficiency, reducing errors, and providing real-time data for better decision-making.

- The system's features, such as inventory management, sales management, purchase management, and accounts management, enable medical stores to optimize their stock levels, avoid stockouts, and minimize wastage.

- The system also provides accurate information on sales trends and customer behaviour, helping medical stores to provide better customer service and increase profitability.