PHARMACY MANAGEMENT SYSTEM

**SYNOPSIS REPORT**

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1. **Introduction:**

Pharmacy management system is a management system that is designed to improve accuracy and to enhance safety and efficiency in the pharmaceutical store. It is a computer based system which helps the Pharmacist to improve inventory management, cost, medical safety etc. The system allows the user to enter a manufacturing and expiry date for a particular product or drug during opening stock and sales transaction.

The system will also give report showing the list of products expiry after a specified date before the product eventually expires. It also involves manual entry upon arrival of new batches of drugs and upon drug movement out of the pharmacy for a certain period, e.g. every month, the pharmacist may want to generate report for the movement of drugs in and out of the pharmacy, getting information about the drugs e.g. expiry date, date purchased, number of drug type left, location of a drug in the pharmacy. At present, manual system is being utilized in the pharmacy. It requires the pharmacist to manually monitor each drug that is available in the pharmacy. This usually leads to mistakes as the workload of the pharmacist increases

1. **Existing System:**

The existing system is paper-based involving high amount of paper work and manpower requirement. Even though computerized systems are used in some places, they are also web-based system and are improperly managed. But in our project we are enhancing some features of existing pharmacy system. This system includes the out-of-date stock or confirmation about out-stock medicine validation.

1. **Proposed System:**

The proposed system, being web-based, is very efficient and effective from the point of view of work productivity and time. It is less tedious to manage operations in a [medical store](http://www.codewithc.com/mini-project-in-c-medical-store-management-system/) or pharmacy with such a system. It has all the required modules and is developed with the aim of schedule, inventories, and relevant things in the medical store.

With this system, the entire operations in medical store is fully automated. Unlike the traditional system where records were maintained manually, this system maintains records in a database. Typical example of these records include purchases, counter sales, recorder levels, suppliers, customers, monetary transactions, etc.

1. **Objectives:**

* It is the user friendly application for Pharmacist which reduces the burden and helps to manage all sections of Pharmacy like Medicine management and Billing etc.
* It deals with the automating tasks of maintaining of Bills.
* In Pharmacy, Billing management is the key process. Including safe data store about medicine as well as fast searching, delete and update of medicines.
* The pharmacy management system is easy for use so the user can do pharmacy actions without ambiguities.
* This refers the pharmacy management system project highly minimize time and resource by which, searching the medicine data you can get the data in quickest time.
* The pharmacy management system is built for the sake of ensuring effective and clear data saving and manipulating as well as neat work on the pharmacy medical products.

1. **Conclusion**

The primary aim of is to improve accuracy and enhance safety and efficiency in the pharmaceutical store. In this project we can also include BAR CODE facility using the bar code reader, which will detect the expiry date and the other information about the related medicines.

The application was designed to track record of the stock of the pharmacy inventory.

1. **Future Scope**

* Developing an application for android devices that works on the same database which is the mini of (MySQL).
* The android application will be useful for controlling the system like remote app.
* This project can be modified in future according to the organization need.
* They can now purchase medicines by just a single click and from sitting at home wasting no time and energy.