**PHARMACY MANAGEMENT SYSTEM**

**ABSTRACT**

**Objective:**

The project entitled Pharmacy Management System this is developed for established Medical store in the city. To manage all operations of the medical store this project is being developed. It will have the entire basic module to manage the medical store operations. The main objective of the application is to automate the existing system of manually maintained records of the counter sales, purchases, reorder levels, Supplier and Customer monetary positions and other related transactions made by the seller.

This application can be used by any other store to automate the process of manually maintaining the records related to the subject of maintaining the stock and liquid flows.

The transactions related to purchase, sale and returns are maintained manually at present. These are to be automated and an application is required to relate all of them relatively and logically so that the current system can be replaced and accepted without major changes and problems.

**Functional Requirements:**

* Pharmacy Management System is a web-based application implemented in PHP using MySQL as the database.
* This project is developed for medical store manage different  items, cashiers, managers, pharmacist details as well as staffs working in the store.
* Here when the user search the item on search bar the related things were displayed in the screen and can select the actual item that the user needs. Alerting pharmacy Data’s in the system.
* Changing medicines to another because of medicine outdated, modifying the saved medicine data for incorrect data, deleting of data’s of the pharmacy can be done on the system.

**Non-functional Requirements:**

* Secure access of confidential data (user’s details) should be provided.
* 24 X 7 availability of the application
* Application should be accessible over Internet.
* Better component design to get better performance at peak time
* Flexible service based architecture will be highly desirable for future extension.

**No of Modules:**

* Dashboard
* Login
* Pharmacist
* Manager
* Cashier
* Logout

**Software Requirements:**

Operating System : Windows XP/2003 or Linux/Solaris

User Interface : HTML, CSS

Client-side Scripting : JavaScript

Programming Language : PHP

Software : XAMPP

Database : MySQL

Web Server : Apache

**Hardware Requirements**

Processor : Dual Core

Hard Disk : 40GB

RAM : 256MB

**References:**

(1) PHP and MySQL Web Development by Luke Welling and Laura Thomson

(2) PHP5 and MySQL by W Jason Gilmore (Apress)

(3) PHP Web Development by Allan Kent and David Powers (Apress)

(4) Wikipedia, URL: <http://www.wikipedia.org>.

(5) http://www.phpfreaks.com/

(6) Google, URL: <http://www.google.co.in>

**Technologies to be used:**

* HTML, CSS (Web Presentation )
* JavaScript (Client-side Scripting)
* PHP (as programming language)
* MySQL (Database)
* Windows XP/2003 or Fedora (Operating Systems)
* Apache, XAMPP

**Conclusion:**

This pharmacy management system can be efficiently used by any medical store to automate the process of data management and maintenance of records related to stock, liquid flows, staffs, customers, and suppliers. New features, modules, and other components can be incorporated into the system as per user requirements in future.