**MEDICAL SHOPE MANAGEMENT SYSTEM**

**Abstract:**

Medical Shop Management System is a project which is developed for easy maintenance of medical shop. This system reduces time consumption and human effort in maintaining the medical shop. This system provides easy access to maintain all the details of medicines and customers. In this system all the apprehensive fields like purchasing and selling medicines, maintaining their inventory, generating sales invoices and generating reminders of expiry date about medicines and the details of the customers are done effortlessly. This system maintains all the information about medicines and data of the customers which can be retrieved easily at anytime. Customers can purchase medicines online from anywhere. This system provides a user-friendly interface in maintaining the data without any duplication.

**Existing System:**

In the existing system all the details of medicines and customers are taken manually which required more time for processing. All the details of the stock calculations and transactions are recorded manually which required more paper work. Report generation is very difficult and time consuming process. Customers need to make much effort in purchasing medicines. Searching the information about medicines or customers is complex. Problems like data loss or duplication may occur when modified.

**Proposed System:**

The proposed system is a user friendly system which requires less time. All the information can be stored in the database where we can make any changes to the data like modification or deletions easily without any data loss age or data duplication. In this system report generation is very fast and uncomplicated. All the calculations and transaction details are done within no time. Searching for any medicine and details of the customer is easy. This system provides security to the data.

**Modules:**

Admin:

Admin will monitor all the application. Admin will get login by entering the username and password. Admin can view all the information entered by the user. Admin will add, delete, update and modify all the details of medical record, medicine details, stock details and supplier details.

User:

User need to get register in this application by giving all the information. User can get login by entering the unique username and password. User can view stock details, view medicine details and purchase medicines.

**Software Requirements:**

* Operating system : Windows 7.
* Coding Language : JAVA/J2EE
* Tool : Netbeans 7.2.1
* Database : MYSQL

**Hardware Requirements:**

* System : Pentium Dual Core.
* Hard Disk : 120 GB.
* Monitor : 15’’ LED
* Input Devices : Keyboard, Mouse
* Ram : 1GB.

**Conclusion:**

Medical Management system is a project which provides an easy and fast way to both the customers and medical shop owners to order and maintain the medicines. This application saves lot of time to the customers in purchasing required medicines from anywhere. Management can store large data regarding medicines and customers details.