ABSTRACT

**INTRODUCTION**

The Project named ‘Pharmacy Management System’ is a Medical information client/server based application. It replaces the age old model of manual management.

The main aim of the project is to reduce human effort on searching and automation of billing.

**PROBLEM STATEMENT**

The transactions related to Stock management, Billing in Pharmacies are done manually.

These are to be automated to reduce errors and labour costs, and in order to do so it is required for the hence created application to relate all of them logically so that the current system can be replaced and accepted without major changes.

The application must provide easy access to stocks as well as must be user friendly to the customers in order to be effective. The customer’s prescriptions must be stored for wither future reference or future billings.

**WORKING**

In order to place an order, reorder same medicines a customer has to register himself to the management system. Only then can he or she order the required medicines.

Every medicine would have a particular name, cost and quantity. Customers would have their own list of medicines associated with each object while Stock of the store would be an static list of the medicines that make up the store.

A Customer can:

1. Edit his/her medicines.
2. Bill and/or display his/her medicines.
3. Change his/her medicines.

Manager is the one that can update store information. A number of managers can be made and they all would have access to the digital inventory of the Pharmacy. In order to create a manager profile a SYSTEM CODE has to be inputted so that a customer cannot create a new manager profile. The System Code can changed only through the actual source code.

A Manager can:

1. Update Stock
2. Change Price of any given Medicine
3. Update quantity of a given Medicine.

One an order gets placed the stock gets updated automatically to the new after billed stock.

Entire application has been coded in JAVA.

**CONCLUSION**

In future the given application can be implemented with internet and messaging capabilities that would allow it to send invoices and/or reminders. It can also be implemented using a database and graphical user interface making it even more useful.