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**PROJECT PROPERSAL  
Individual  
(Network Track)**

**TITLE  
Pharmacy Management System.**

**SUPERVISD BY  
Mathanaruban**

**NAME  
Harshani**

**REGISTER NOMBBER  
Bat/it/2018/f/0002**

**Sri Lanka Institute of Advanced Technological  
Education  
(SLIATE)**

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## Introduction

- The Pharmacy Management System is a complete dispensing workflow management system that is designed to improve accuracy, enhance safety and efficiency. Most pharmacies are still doing their whole work manually, this manual system requires the pharmacist or workers to manually monitor all the process and to check the presence of the each drugs in pharmacy.
- So when the new drugs or new batches of the drug arrive in the pharmacy the manual entry is done in the register. And this also followed when the drug is given to any customers. When the month is completed the workers in the pharmacy have to generate the list or report manually of the drugs in the Pharmacy. This work is done to maintain require stock in the Pharmacy This kind of work may lead to a major problems.
- Therefore to solve this kind of problems the urgent need is to develop a Pharmacy management system that will prove beneficial for the Pharmacy. By using this software we can generate bill, maintain the stock very well, we can do cost saving and maintain inventory control. This system can help Pharmacy, to handle the incomings and outgoings more smoothly and in a better way.

## **Background and Motivation**

- Sum Sum pharmacy of Akkaraipattu , Ambara district Extern province. Srilanka .  
It is a operated by the proprietor.
- Pharmacy management system is a system that consist of data entry, retrieval  
and monitoring stock, sale, reorder items , reorder level, reporters items and determination of minimum quantity of each drug, stock capital. String searching technique also applied in this system. This technique is referring by drugs name, drug code and description of drugs. Besides the system also provides two types of methods which are Quantity and Expire date of drugs. This system always checking the date to remind the pharmacist if the certain drug was expired and will be triggered to remind the pharmacist if the certain of the drugs reached to minimum quantity. The system enable administrator to control and monitor the drugs stock effectively.
  - o Due to the size and quantity service of the pharmacy , the pharmacy has very large customer base. The number of customer quickly increases due to the increase of demand of drugs in many areas. This situation makes the pharmacist to be busy and use a lot of time to manage and control their business records. Meanwhile the pharmacist has to ensure satisfaction in services to keep their records effectively at a reasonable time.
  - o The module involve medicine management module, medicine search module, selling process module, medicine list module, statistic of medicine sales module, date to the date report module & report .

### **Problem in Brief**

- Improving performance and efficiency in Pharmacy shops is a major goal of Pharmacy Management System. The transaction related to sales, maintaining of stocks records are maintained manually at present. These are to be automated and an application is required to relate of them relatively and logically so that the current system can be replaced and accepted without major changes and problems.
- The application will provide quick access to the records maintained and must reveal the important reviews about the business so that the growth can be easily compared and will provide with the various reports showing the related details that the important decisions could be taken easily.
- Drugs are not supposed to be used after they have expired. This project work will prompt the pharmacist about drugs that are close to expiry, preventing those drugs from being sold and also providing solution to the earlier stated problems.
- ✓ The following are among of the problems that lead to purpose creation and development of Pharmacy management system:
  - ✓ There is no effectively management of information.
  - ✓ Discrepancies of stock item.
  - ✓ It hard to determine stock balance.
  - ✓ Hard and Time consuming on preparation of daily, weekly, monthly, and yearly reports.

## **Aims and Objectives**

### **Aims**

Aim of our project is to develop a Pharmacy Management identify the problems in the current or manual Pharmacy Management process with the use of IT Solutions.

### **Objectives**

To overall objective of this project is to establish a System for Pharmacy Shops so as to improve the performance and efficiency of pharmacy shops management. There are some specific objectives should be implemented.

To provide easily accessibility of sales reports.

To provide easily accessibility of stock reports.

To provide accessibility debtors details.

To minimize human error.

To provide optimal drug details management by monitoring the drugs movement in the pharmacy unit.

Get alert about the drugs close to be expired.

## **Proposed Solution**

The Proposed Solution of the manual Pharmacy management is to develop a computerized Pharmacy management system. Before developing the proposed system, there is need to identify,

The design of the proposed system.

The main user admin of the Pharmacy management system.

The activities of the main admin.

### **The Design**

The proposed system will be designed using XAMPP-CONTROL and the database used to store the Materials details, wart details and tool Submission Details and reuse or recycle details. The size (in terms of memory) of the proposed system will be small.

### **The main users**

The main users of the proposed system only Admin

### **Their activities**

The activities of the main users of the proposed system are listed in a table below

## **Resource Requirements**

Different types of administrators are employed to manage different tasks of the system.

Admin is given all power and authority over the whole system.

Limited access is provided to the technical officer to update the system such as updating categorized of waste, ward list, weight of waste, Categorized of collection list.

Add categorized of waste, categorized of ward list, weight of waste, contamination of waste will be incorporated in to the system.

A Detailed reported (categorized of waste, collection of contamination waste) will be generated weekly, monthly and annual.

Weekly report monthly report, annual report will be display the chart with the comparison of the report.

A detailed monthly report will be generated at the end of every month. A detailed annual report will be generated at the end of the year.





