HNDIT_2404 –Individual Project

Project Proposal

Sri Lanka Institute of Advanced Technological Education (SLIATE)

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Index:-
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Project Name:-
Dispensary Management System

Client name and address:-
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Cold medical
Valaichenai-5

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K.Thevaruban

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1. Introduction

Dispensary is a one of the major part in hospital. Dispensaries dispenses medications and medical supplies to the patients.

Dispensary Management System is suitable for managing efficiency and effective manner with minimum time. Dispensary Management System is design to help to manage inventory, and sales details. This system has five types users involved in a Dispensary Management System.

- Administrator
- Manager
- Doctor
- Pharmacist
- Sales person

Each of the above plays are important role in Dispensary Management System.

This software is help to reduce the problems in manual system like inefficient inventory handling, errors when calculating total sales, and paper works etc. These problems are solved in our system.

2. Problem in brief

Nowadays in dispensaries face many issues. Like human errors in medication supply, difficult in stock handling, fake prescriptions, and inefficient of managing sales details. In manual manager need spend time to calculate sales. In addition, they need to hire accountant to enter accounts in books. So, dispensary owners face many problems.

3. Aims and Objectives

The aim of this project is to develop a system to replace manual based system to computerize. Here system is efficient and effectiveness and also user friendly for users.

Objectives:

- To reduce human errors
- To develop user friendly system
- To save the time and expenses.
- To manage the employee record.
- To maintain the inventory details.

4. Proposed Solution

In this system there are five types of users involved.

- Admin
- Doctor
- Manager
- Pharmacist
- Sales person

Each of the above roles are important in Dispensary Management System.

<u>Admin role</u>

It is the most powerful user of the system. There will be only one admin in the system. Admin can only add and remove other users.

<u>Common futures for all users</u>

- Login

This is the main common feature of the system. Every type of user will have unique login id and password which provided by admin. If login id and password are match the system grant to access the system.

- Edit profile

It is not possible to ask all information from the user at registration time. So, user can enter his details.

The following information entered at registration

1. Name
2. Age
3. Gender
4. Profile photo
5. Designation

These are common features in this system.

Manager role

Manager is responsible for supervise all works. Pharmacist and Sales person should give report about their activities from those reports he/she will report to admin.

Doctor role

Doctor send prescription to the Sales person with patient details. This user can view medicine details using the system and order to the Pharmacist if any medicines they need to add. Doctor can only prescribe medicine what medicines that dispensary have otherwise the system will not allow him prescribe.

Pharmacist role

Pharmacist will only add medicines in system. If any medicines are out of stock this user will be notified. This user can give order to relevant companies. Order details are automatically add in system.

Sales person role

Sales person is a person who is going to handle prescription and give medicines to patients and enter sales details in system. After enter the sales details system will automatically calculate total sales.

Appendix- I

Timeline

	January February	march	April	may	June	July
Looking for a company for a project and then select a project	■					
Study about new technologies relevant to the project and get know about them.		■				
Prepare the proposal and getting approval for the project	■					
Requirement analysis	■					
Design the system		■	■	■		
System implementation					■	
System testing						■
System maintenance						■

6. Supervisors' declaration

I hereby declare that I have checked this project and in my opinion, this project is adequate in terms of scope and quality

1. Name of Supervisor:

   Designation:

   Date:

   Signature:

   Any further comments:

2. Name of Supervisor:

   Designation:

   Date:

   Signature:

   Any further comments :