

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

Individual Project Proposal

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Title

Stock Shop Management System

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1. Introduction

This project is concerned with developing a stock shop management system for Shop situated in Kattankudy, Batticaloa district in Srilanka. Since it is a profitable field, this shop business would help the dealer to earn an attractive income as a result of the traditional management system, used the profit that the dealer earns from his business is limited.

Our system is about Gone are those days when a shop owner used to manage all his sales and accounts on paper. This job is now performed with these management tools which not only record sales but also notify the retailer about the items low stock.

This project identifies the amount of stock available, the product that is purchased faults in the product, products that are replaced, products that have been sold, and the date at which the products are bought and sold in a particular concern.

Stock manager client web interface component allows the stock manager client to view the current stock of products, along with the capabilities of searching and sorting the products. This system will allow the user to update the stock items during the restocking process.

The cash register client will emulate purchases by having a simple graphical interface with fields for a quantity and a button to make a purchase.

2. Background and Motivation

This project is concerned with developing a stock shop management system for Shop situated in Kattankudy Main Street, Batticaloa district in Srilanka. Investigation I was able to find out the reason behind this issues. To overcome this issue I came to know that I have to implement a proper management system. So I recommended a computer-based management to control all the issues arise in the show room. After brief explanation, the dealer of the show room accepted my recommendation and agreed to develop a system as well. Their traditional management system had manpower, higher expenses, increased data storage, purchase sales and customer service related issues. I hope my project will be efficient and user friendly to overcome all the issues to run successful business as requested by the show room dealer.

The Admin role can be as follow:

1. Add stocks
2. Add customer and contractor
3. Add purchase details
4. View stocks details
5. Update stocks details
6. Delete stocks details
7. View purchase details
8. View ,update and delete customer and contractor details
9. Update and delete purchase details

3. Problem in brief

Some of existing system is manual to keep transaction record of the stock in the Department of computer science. People still prefer to follow the manual method to keep the record. We have found that employees first of all record all information in there ledger. They are using to keep the record of stock purchase, inventory, etc. Following this method is very time consuming and tedious. It has many drawbacks as there may be mistakes while recording large data and this may disrupt the important transaction.

So, in this project we are trying to make stock management system which will help employees to keep record of inventories in systematic way and help them produce report about the inventory or stock currently available in their department in automatic way to help then decision making about the stock etc.

4. Aims and Objectives

4.1 Aims

Aim of our project is to develop a Stock shop management System for identified problems in the current waste Management process and implement with IT Solutions & provide for developing this project Stock shop management system can helps to maintain the customer information, Product information, payment details, Stock details, Selling details, take order, deliver orders etc.

4.2 Objectives

Objective of the project is to develop inventory management system for department of computer science.

- Shop management system insert with Stock details, product details, sales details, customer details, purchase details billing and report.
- To provide Inventory System access to all necessary personnel.
- Provide a detailed report, summary report & login history.
- To avoid both overstocking and under-stocking of inventory.

- Different types of administrators are employed to managed different tasks of the system
 - Admin is given all power and authority over the whole system.
 - Limited access is provided to the Employee to update the system such as updating Product details, sales details, customer details, purchase details billing.

5. Proposed Solution

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

- a) The design of the proposed system.
- b) The main user admin of the hospital waste management system.
- c) The activities of the admin and user of the system

5.1 The Design

The proposed system will be designed using XampServer and MySQL (the database used to store the waste details, ward list and tool Submission Details and reuse or recycle details).

5.2 The main users

The main users of the proposed system Admin and Employee.

5.3 Their activities

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

Activities of admin	Activities of Employee
<ul style="list-style-type: none">• Search the Product• Delete product Details• View the details• If the Employee made any mistakes admin only approved to re correct the mistakes	<ul style="list-style-type: none">• Add/Update Product details• View and Maintain the product• Print reports

Activities Table 5.3.1

6. Resource Requirements

6.1 System Requirements

Recommended Software Requirements:

Front End : Php ,Html,css,bootstrap

Back End : MySQL

Operating System : Windows 7 or above

Recommended Hardware Requirements:

Processor: Pentium IV or above

Clock Speed: 2.86GHZ Processor

Hard disk: 16GB

RAM: 1GB

7. Reference

- <https://youtu.be/fVtuYs6VS6o>
- <https://www.freeprojectz.com/project-report/12509>
- <https://www.slideshare.net/dhimslove/bike-showroom-management>