

Project Proposal

Title

STOCK MANAGEMENT SYSTEM

Name

Miss.N.Kopinayana

Reg.No

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Submitted

Mr.K.Thevaruban

Supervisor

Mr.T.Mathanaruban

Higher National Diploma in Information Technology
Srilanka Institute of Advance Technological Education
(SLIATE)

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1.0 INTRODUCTION

Stock management is an important aspect of any successful business. It is the process of overseeing and controlling the flow of stock units a business uses in the production or manufacture of goods for sale or distribution. Usually made up of a combination of goods, raw materials and finished products, and effective management of these items are essential to ensure optimal stock levels and to maximize the earning potential of the company. From this importance the web application has become on the most important technology which provides interface and solution for the admins.

The management of stock also represents a key concern of all businesses. This project is designed to solve the problems that computer parts stock managers' face when stocking the product. This web application will also be useful for distributors who distribute goods to various computer parts.

Stock is not without costs storage, insurance and maintenance all must be considered. When it comes to replenishing stock levels, most management plans seek to strike a balance between having enough units when required, and ensuring supplies are not overstocked. Therefore, having a stock management system can be advantageous.

A stock management system monitors all aspects of a company's stock items move through the production and sales process. From this system in place there are some critical elements every system requires in order to function efficiently.

On top of all these things, a software system that tracks all stock activity can be used, as keeping track of stock data by hand or in a spreadsheet often doesn't cut it. A good stock management system can make it easier to track stock and provide different people with access to the data, as well as offer a detailed insight into the stock activity of a business. As stock system is one of the most important assets a business has in its arsenal, an adequate stock management system will help a business to track those assets and control them accordingly.

2.0 BACKGROUND AND MOTIVATION

2.1 BACKGROUND

This document contains information about stock management system details. This system developed for Netwest computer parts company at Kalmunai. The current methods that use in computer parts companies get the information and further details about the managers. Under the admin department login with present updates also available for computer parts. Also, manage billing, and unit price and stock recorder level alerts for computer parts. It helps improve understanding and give good interaction with managers.

In case of manual system, they need a lot of time, manpower etc. here almost all work is computerized, so the accuracy is maintained. Maintaining backup is very easy. It can also be done within a few minutes. This system is managed by company manager (admin). It is the job of manager to insert updates and monitor the whole process.

2.2 MOTIVATION

Departmental Store Management System (DSMS), commonly found in retail establishments and known as DSM, often feature a complex arrangement of hardware, software and network connections. DSM systems rely on predictable operation, and any number of problems can appear when hardware, software or users do not perform as expected. So, this perspective thing motivates me to kind of software in real time business.

3.0 PROBLEM STATEMENT

As we know manual system are quite tedious, time consuming and less efficient and accurate in comparison to the computerized system.

So, following are some disadvantages of the old system:

- **Lot of paper work:-** The paper work system become remove slowly from different sector of the organization because the paper system is not only time consuming but also it does not keep the record for long time with proper way and it will be lost.
- **Time consuming:-** Manual document filing is very time consuming. Not only do you have to organize and store the files, hunting down the information when it is need can take time. It can take anywhere from minutes to hours to hunt down a file, depending on how well your organization is. This can cause annoyance for clients as well as for employees. Their productivity is lowered by having to spend excessive time dealing with a paper filing system.
- Less accurate
- Less efficient
- Slow data processing
- Difficult to keep old records

4.0 PROPOSED SOLUTION

- I have seen that many shops manage their system manually. It wastes time of both manager and working employees.
- The proposed system aims to replace the traditional standalone system with a web application.
- In this web application the retailers can make a request for goods to the distributor.
- The distributor will check the availability of the good and send it to the retailer if available.
- By using this application, distributor spend less time on repetitive and manual tasks

5.0 AIM, OBJECTIVES

5.1 AIM

The Aim of my project is to provide an efficient and effective system to handle the stock. The Stock system should be integrated within the everyday functions performed by personnel associated with entering and maintaining asset information and maintenance records with the use of PHP and my SQL language. The system will reduce the effort devoted to asset management, while supplying many personnel with the information they need to perform their functional responsibilities.

5.2 OBJECTIVES

- Reduce the space of keeping place compare to manually keeping in the track or somewhere (Create a SDLC – System Development Life Cycle)
- The general objective of this project is to minimize the manual work.
- The overall objective of this database is to stock information from distributors and keep records of all the transactions made in the company.
- Viewing and updating of stock details, and product details.
- To provide a full range of reports that will satisfy informational requirements. To provide training to personnel responsible for supporting the stock Management System

6.0 HARDWARE & SOFTWARE REQUIREMENTS

6.1 HARDWARE REQUIREMENTS

PROCESSOR	Intel core I i3
RAM	5.00 GB RAM
MONITOR	15" Color Monitor
PROCESSOR SPEED	2.10 GHZs
CD DRIVE	52- X CD RO

6.2 SOFTWARE REQUIREMENTS

OPERATING SYSTEM	Windows 8
FRONTEND	PHP 5.6
BACKEND	MySQL
IDE USED	Notepad++

7.0 REFERENCES

1. <http://en.wikipedia.org/wiki/Inventory>. (Acceded on 06th Jan 2020, 11.00am)
2. [http:// www.alliancelaptoptraining.com.np/course.php?courseId=80](http://www.alliancelaptoptraining.com.np/course.php?courseId=80) (Acceded on 07th Jan 2020, 5.40pm)
3. http://en.wikipedia.org/wiki/Point_of_sale. (Acceded 7th Jan 2020,6.00pm)
4. http://www.academia.edu/6967044/Software_Requirements_Specification_for_Point_Of_Communication_Sale_System. (Acceded on 3th Jan 2020, 9.40am)
5. <http://pricenepal.com/all-products>. PHP? Orderby= price&orderway=asc. (Acceded on 8th Jan 2020, 10.30am)
6. <https://www.mawaat.com/inventory-management-system/> (Acceded on 8th Jan 2020, 8.20pm)
7. https://en.wikipedia.org/wiki/Inventory_management_software (Acceded 9th Jan 2020, 7.24pm)
8. <https://sourceforge.net/directory/?q=c%23%20stock%20management%20system%20source%20code> (Acceded on 8th Jan 2020, 8.00pm)

8.0 APPENDIX

		Task Mode ▾	Task Name ▾	Duration ▾	Start ▾	Finish ▾
1			Requirement gathering			
2			prepare a proposal	1 wk	Mon 1/6/20	Sun 1/12/20
3			submit a proposal	1 day	Mon 1/13/20	Mon 1/13/20
4			prepare a SRS	1 wk	Mon 1/13/20	Sun 1/19/20
5			submit a SRS	1 day	Mon 1/20/20	Mon 1/20/20
6			system analysis	1.83 wks	Mon 1/20/20	Sun 2/2/20
7			system design	2.83 wks	Sun 2/2/20	Sun 2/23/20
8			system implementation	38 days	Sat 2/8/20	Tue 3/31/20
9			system testing	20 days	Mon 3/23/20	Fri 4/17/20
10			system maintenance	6 days	Sat 4/18/20	Fri 4/24/20
11			prepare a final document	6 days	Fri 4/24/20	Fri 5/1/20
12			prepare a presentation	4 days	Fri 5/1/20	Wed 5/6/20

