ZETECH UNIVERSITY

ICT DEPARTMENT

STOCK MANAGEMENT SYSTEM PROJECT.

SOFTWARE REQUIEMENT SPECIFICATION

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**1) INTRODUCTION**

**A research proposal towards the development of enterprise stock management system to eliminate the need for human manual recordings to reduce data lose and redundancy of stock management.**

**Research Problem Statement**

There is high redundancy of data keeping in manually by stock managers whose work normally surrounds keeping of daily stock capacity, productions and tracking of sales and invoices. The Stock managers also have to follow up materials availability and quantity they are, among other operations. Most of the operations can easily be automated, hence eliminating the need for manual keeping who can be replaced by a casual worker whose work will just be Counting and feeding the data into the system, at cheaper labor salary. The lack of the stock management will cause redundancy and running into lose to the trading or manufacturing companies that can cause financial crisis for unknown reasons.

**2) OBJECTIVES:**

***a)General Objective:***

To design and develop stock management system to eliminate the need for Manual record keeping and the risk data lose.

***b) Specific Objectives:***

I to design and develop a stock module to keep daily received and used materials

* 1. To design and develop a sales module to keep track of daily sales and invoices
  2. To design and develop an admin module for key management of the data entry and data flows.
  3. To develop a module for staff/casual management and payrolls.
  4. To build a General Interface that admin and management can communicate and easy accessing to the system by using user name and password.
  5. Developing database and configuring all modules into.

3) SYSTEM USERS/END USER

Since this management system is developed to come up a solution for stock nit process in every trading company or institutions to manage their good status and efficiency in delivering to their clients hence, developed the following users:

1. STOCK MANAGER:

His/hers work surrounds the stock premises for that he/he is the main person who involves this system and uses most of time.

b) SALES PERSON:

Sales person is among this system users since there is module developed for sales and invoices tracking.

c) ADMIN:

There is an admin module that will monitor the system status as well as others users behavior.

4) FUNCTIONAL REQUIREMENTS

4.1 LOGIN

* Provides the user a text space where they enter username and password.
* Provide buttons to “login” and “cancel” the process.
* If user approves credentials they will directed to home/dashboard page of the system.
* If the credentials are incorrect the user asked to reenter the correct username and password.

4.2 STOCK MODULE

* Provides the user an “update” button where the user will updates the current stock.
* Provides “search” button for the user to search availability of a certain goods.
* Provide the user a text field for writing the goods and items.
* Provides “print” button to print receipts of items selected.
* Provide “cancel” to cancel the process of selecting items.

4.3 SALES MODULE

* Provides user “print” button for printing of invoices and receipts.
* Provides user “add up” button to add all transactions made daily.
* Provides user “report” button to view the sales status.

4.4 STAFF MANAGEMENT MODULE.

* Provides admin “ADD STAFF” button to a new staff information.
* Provides “pay” button to update payment of each staff salaries/wages.
* “Update” button to update daily causal payment and other expenses.