**POINT OF SALE**

**(POS)**

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# CHAPTER ONE

# INTRODUCTION

## 1.1 Purpose

The purpose of this Software Requirement Specification (SRS) document is to provide the descriptions about the Point of Sale in terms of its functional and non-functional requirements. This document will be applicable in guiding the developers, users and the testing engineers of Point of Sale to ensure that the Point of Sale functionalities and requirements are met.

## 1.2 Scope of Point of Sale

The Point of Sale will be designed in the way that is going to provide a computerized management and control over business taking place within a shop located in certain location.

## 1.3 Benefits of Point of Sale

Many small shops in less developed countries (with exception to large shops such as supermarkets), the business process is paper work based which not efficient (time consuming process) and inaccurate. The Point of Sale will provide a computerized efficient and accurate way of running the business process in these small shops.

# CHAPTER TWO

# GENERAL DESCRIPTIONS

## 2.1 Product perspective

The Point of Sale will have two main parts which are;

1. A database system which will be keeping the records such as item names in the inventory, quantity of items remained in the inventory, buying prices of items, selling prices of items, transaction and sale records as well as records for users of the Point of Sale. This will be the place where all records are stored to and retrieved from it.
2. End user(s) or employees who will be running the business in the working environment of Point of Sale.



# CHAPTER THREE

# SYSTEM FEATURES

## 3.1 Functional requirements of Point of Sale

Functional requirements are those business functions which will be included in this software under development. Functional requirements describe the features of the product and what the system must do so as to fulfill the intended user requirements.

The following are the functional requirements which will be provided by the Point of Sale;-

1. POS will enable users (employees working at the shop) to be registered into the system by the owner of the shop.
2. POS will enable the registered users to login and logout the system.
3. POS will enable the shop owner (as administrator) to add items in the shop stock with its corresponding buying and selling price per each item added.
4. POS will enable its users (shop owner and employees) to modify and update some of their information such as changing passwords for security purposes, changing item names and prices and so on.
5. POS will enable the shop owner to view day, weekly, monthly, quarterly and annually total sales and the total profit of the corresponding sale.
6. POS will allow the employees only to view the day sales (not the profit made).
7. POS will provide functionality for both shop owner and employees to print sales at specific time.
8. POS will allow an employee to update sales by only entering the amount of items sold then the system will automatically provide other mathematical calculations.
9. POS will be showing the remained quantity of items in the shop’s stock.
10. POS will allow shop owner to remove items which are and will no longer be available within a shop in case of products sold in short period of time and for a specific reason.
11. POS will finally allow a shop owner to remove/deregister an employee who is no longer a worker at a shop.

## 3.2 Non Functional requirements

Non-functional requirements may be simply defines as the properties or constraints a certain system must have.

The following are the non-functional requirements of Point of Sale;-

1. POS as a desktop based system will not need the internet connection for its operation.
2. POS will only be available all the time when the shops are open.
3. For security purposes, only the shop owner will have access or privilege to register and deregister employees into the system and to view all the transaction records including profit made within a longer period of time.
4. POS will be user friend with good interfaces and simple language mainly Kiswahili (or simples English whenever necessary).

## CHAPTER FOUR

## APPENDICES

SRS - Software Requirement Specification

POS - Point Of Sale

FRQ - Functional Requirements

NFRQ - Non Functional Requirements