Sri Lanka Institute of Advanced Technological Education

(SLIATE)

Project Proposal

Software Track (invidual)

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ALF.Fayika

Title

Mobile Shop Management System

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Table of Contants

1. Introduction

Humans always things about to easy their works and do it quickly and without any error. For that task invent the machines and equipment to do their works. In the history humans invention the computer pick important roll. Its creation is hold a landmarks on the human generation. Now the computer takes major roll in all the fields. The business environment also need to do works fatly and accurately. If compute technology will contributes only that can possible. The phone shop management system also will be contribute to their sales and purchase of the system. It's not only gives that it also give more features.

2. Background and Motivation

 This project is concerned with developing a Phone Shop management system for **AH Marketting**. it is situated in Valaichchenai main road, Batticaloa district in Srilanka.

Mobile Shop management system designed to provides a simple GUI(Graphical user interface) information regarding the Mobile shop daily Activities.

Currently the Mobile shop use some computerized system and manually using some paper documents. But the main problems of that system is not too easy to use by the without any technical knowledge person. In our word we can say not user friendly. Another problems of the current system is it little bit slow compare to the modern world.

The system is develop couple of years ago so it's must be upgrade/ replace by new technology and new requirement.

- Maintain and provide easy access of information regarding product details.

- Provide a product sales and invoice details (every week)

- provide accurate and up-to-date information.

- Eliminate or reduce unnecessary cost, paper work, and loss of data.

- This project provide a system which manges the daily shop activities using a computer within a fraction of seconds.

3. Problem in brief

Phone shop management system is effectiveness and efficiency for phone shop daily works. traditional system is group of people work in together and records are keeping manually. These are to be automated and an application is required to relate of them relatively and logically so that the current system can be replaced and accepted without major changes and problems. the main problem is low quality of papers caused by some human factors such as instability, waste of paper work and security concerns. lot of time to preparing records.

According to this system, maintain product details(Stock) ,sales details and invoice details. following manual system is,

- Very difficult to maintained the system and paper work activities.
- Slow operation compare to the current world.
- Difficult to operate by unskilled person (un computer knowledge person)
- The system only concentrate in the POS (point of sale) and inventory.
- poor security
- very time consuming

The proposed system is very easy to operate. Speed and accuracy are the main advantages of proposed system. The proposed system will easily handle all the data and the work done by the existing systems. The proposed systems eliminate the drawbacks of the existing manual system to a great extent and it provides tight security to data.

- Easy to gathering product details.

- Easy to gathering purchase details.

- easy to find product items each category.

- back up printed invoice details.

4. Aims and Objectives

4.1 Aims

Aim of our project is to develop a Phone Shop Management System for identify the problems in the Mobile Shop activities process with the use of IT Solutions.

To maintain the operation in the Mobile shop easily and quickly without any errors. Also to develop the better relation between the manager and the seller.

4.2 Objectives

The software Mobile shop management systems objective is to provide a system which manages the mobile shop activities using the computer within a fraction of seconds.

The software stores all the important data's like a manual file keeping system though a database.

This automated system is user friendly and error free. paper work and manual power can be produced using this automated system .

- There are two roles for managing the system. (One is manager itself and another one is the seller)
- In order to add product details, the user has to provide product name, brand name, purchasing price, quantity, price, display size, operating system, processor, internal memory, RAM, description and many more.
- The seller can manage all the sales of the product and view invoices.
- From the manager account, he/she has full access to the system.
- The manager can access products, purchase, and sales.
- The Manager can also view all the invoices and check the product gallery.
- Help to improve the Mobile shop daily Activities.
- Any seller without any technical knowledge will be able to operate system.
- complete which Tasks are completed accurately.
- Manager will Added the Seller details.
- Manager can access the system add and delete.
- Manger and seller will create and update product and sales details.
- Manager can access only the purchase details and view details.

5.   Proposed Solution

The Proposed Solution of the Shop Management System is to develop a computerized management system. Before developing the proposed system, there is need to identify,

a) The design of the proposed system.
b) The main user manager of the Mobile Shop Management system.

5.1 The Design

Mobile Shop Management System is developed using PHP, CSS, Bootstrap, and JavaScript. using server is XAMPP

Talking about the project, it contains an admin side and user side where a user can manage all the sales easily.

The Manger plays an important role in the management of this system. In this project, the user has to perform all the main functions from the admin side.

The main users

The main users of the proposed system,

- Manger
- Seller

5.2 Their activities

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

No	Activities
1	Add Product details(product name,brand name, purchasing price, quantity, price, display size, operating system, processor, internal memory, RAM, camera description)
2	view product details
3	Add purchase details (Supplier name, Supplier ph number, product name and more)
4	View purchase details
5	Add sales details(product name, product quantity, product price, total price and more)
6	view sales details
7	Invoice back up(save as pdf)

Activities table 5.3.1

6. Resource Requirements

6.1 software requirements

- operating system : Any Windows Based operating system

- Database : sql

- Using PHP, CSS, Bootstrap, and JavaScript

6.2 Hardware requirements

- Processor : Intel Core processor above Pentium IV
- RAM : 512 MB RAM (Minimal)
- Hard disk : 100 (Space for software installation)
- Monitor : CRT or LED or LCD
- Key board : PS2/UPS

7. References

- Mobile Marketting

  available at:

  http://en.m.wikipedia.org/wiki/Mobile_marketting

  [Accessed 15 feb 2020]

- features

  available at:

  http://www.mobile-shop.com/products