

Research Paper on Shop Management System

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Abstract:

Shop Management System is a software which provides for different functionalities which has to take place in a Retail shop. This software provides a complete solution for the business wherein we have different functions such as adding products in the inventory, generating bill of sold items and displaying the sales which has occurred. These functions which are essential for a retail shop has been put into digital form for faster information feeding, storing & retrieval.

Keywords—Shop Management System, software , business , bill, sales , inventory

I. INTRODUCTION (HEADING I)

Shop Management System built using Tkinter python is a software application which makes it convenient for the employees to perform different activities which are essential to a business of Retail Shop. [1]These consist of three things, specifically, which includes data entry, storage & retrieval.

Items which have been sold are stored in the software and displayed in a separate Sales window. Items can also be added in the inventory in Tab-2 wherein the product name can be entered & it will get added in the Inventory.

A. Motivation

The motivation of this paper is to create better understanding in redefining requirement of a Software Management System for paper publication. Hopefully in the future requirement shopkeeper knowledge that I have is able to make a significant contribution in new idea development process that might be made.

B. Problem

For many years in the past Retail Shopping centres have been a critical part of the supply chain of almost all products wherein there arises different needs to store the data generated of sales , inventory & bills in one place for future reference. Before software systems were built to assist

which these tasks all data storage was on paper and retrieval seemed lengthy and cumbersome. Software has made it simple to store, retrieve these data.

C. Solution

The requirements from the shopkeeper to create backup inventory within limited time and in high accuracy makes us to come up with automation solution by using desktop. Solution to the above problem is to create a software application which will assist in storing, retrieving & entry of the data.

II. COMPONENTS

A. Bill Generation

This software consists of a bill generator wherein the employee puts the items, which have been sold in the Retail Shop to customers, in the tabs given in the software. The tabs consists of four products and their prices and user has to input the quantity of items purchased. The bill gets automatically generated in the bill window in the format.

B. Sales

The software consists of a Tab showcasing the sales which have taken place of the given four

items. The display consists of a structured format of sales information including varying details.

C. Inventory Section

The inventory system consists of a tab where user can input the name of the product to be added in the inventory as well as the quantity of it. The system will store the items in the inventory in a specific format which can be available to the user.

III. OBJECTIVES

- To build a system wherein user can enter data regarding purchases and inventory.
- The system also displays the bill of sold items.

IV. METHODOLOGY

[2] Research strategy can be characterized as efficient and purposive examination of actualities with a goal deciding the powerful relationship among such certainties and research between at least two wonders from the broad writing study it is much clearer to contribute specifically for the effective consummation of the venture, are impacted by stock administration framework. Specifically, looks into were directed to little degree to investigate about stock administration in development ventures. This cause affect on execution of the stock administration. To yield a coveted execution, it is important to guarantee the task work successfully. Poll study was directed among development experts to distinguish their feeling towards stock administration framework in their association. The got information is dissected to discover the recurrence of reaction for different elements.

REFERENCES

- [1] <https://www.indifi.com/blog/7-things-you-didnt-know-about-retail-business-economics/>
- [2] <https://libguides.newcastle.edu.au/researchmethods>