An Application of Seamstress Outlet Directorate System

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Abstract - We present the application of a Tailor shop management system used in a tailor shop establishment. Tailor shop firms are usually faced with difficulties in keeping detailed records of customers clothing; this little problem as seen to most tailor firms is highly discouraging as customers are filled with disappointments, arising from issues such as customer clothes mix-ups and untimely retrieval of clothes. The aim of this application is to determine the number of clothes collected, in relation to their owners, as this also helps the users for the collection of their clothes. Also customer's information is secure. The application has mainly tackled management of information for the customers, workers, Invoice billings, report generation and wages. The admin of the system will have to log into the system using user name and password so that security and authentication will be ensured. Admin can add customer details, measurements and worker details and also manage the customer information and also update records. This helps in error free measurements, billings and customer records. This application is built to reduce the work with respect to time and unambiguous towards delivering garments to respected customers.

*Key Words***:** customer, management, tailor shop.

1. INTRODUCTION

We are in a world where it is not easy for corporations and small enterprises to survive without using computer. Companies that want to grow have to use computerized systems in order to perform their tasks [4]. Saving time and money is a very crucial matter for enterprises therefore companies will make use of computers and internet in order to speed up their transactions. In the era we are living now, it is very difficult for an enterprise that does not use technology means to compete with other enterprises. Paper-based systems have no place nowadays. Recording data on paper is very obsolete. A very efficient to keep data is to create an online database. Once the data are saved in a database, we can access the data anywhere anytime. The information retrieved from the database with easiness and within seconds [7]. As a company there it is important to have a database in order to keep data regarding the customers. Business depends on customers, therefore we need to use technology tools to collect data of the clients [1].

2. Body of Paper

Enterprises want to complete their work faster, so interactive, responsive and efficient applications are decisive. People love to use systems that are user-friendly with a nice interface. Looking at the impact of technology on business, it is very important for small and big businesses to use computerized systems [11, 12]. Like others entrepreneurs, it's efficient and interesting for the tailors to use computerized system to perform their daily tasks. A system that is interactive, fast that allows them to do tasks quickly and with easiness.

The fashion, craft coming up with an application appropriate for the tailors jointly with the fashion designers assisting them to provide info of their shop's cloth material and measurements designs with their references from them[8, 9,10]. The Seamstress Outlet Directorate System has its own client information entry screen where one will feed the name, address and his correspondence address together with his birth date and photo. The "Seamstress Outlet Directorate System" application developed to manage the tailor shop especially work assigned to the tailors within the tailor shop and help to maintain the database of the tailors and customer in a secure manner [5]. We are proposing a unique, but an easy to use tailor management application. The tailoring application is suitable for the tailors and the fashion designers to help them to keep the information of their customers and their orders, measurement styles and payment history [2, 3]. We also considered developing the email and mobile notification system along with the birthday wishes as well as the festival wishes. Allowing them to send updates of the orders to their customers. Especially assigning the work to their workers by using the application. Part of the new tailor management application was to allow the business to run an efficient service to their customers. The application also allows tailor to use the employee management modules. The goal of this management system is to automate the management of the tailor shop, making it more efficient and error free. It aims at standardizing data, consolidating data, ensuring data integrity and reducing inconsistencies, through the use of highly computerized process that is stress free, reliable and quick.

Existing system

Tailor shops currently use a manual system for the management and maintenance of critical information. The current system requires numerous paper forms. Often information (on forms) has been incomplete, or does not follow management standards In existing system especially related to the seamstress outlet, we use the manual method to give our cloths for stitching to tailors, in this approach, suppose we want to get the status of our clothes sewing, we must go and meet the tailor in any of our busy schedules or need to call them and ask about our cloths status, and also tailor can store his customer database manually in any of the record book etc. Especially in tailor outlet the owner can assign the work to workers and maintain their information and expanse of the outlet, salary to workers, all are maintained in a book only, regarding this there is some methods using some online software comparatively. Using manual approach takes lot of time in delivering stitched clothes to customers on time. No proper maintenance of sewing details. This is a tedious and time consuming work.

PROPOSED SYSTEM

The Seamstress Outlet Directorate System is designed for any tailor shop to replace their existing manual, paper based system. Customer information, products, services, and receipt. These services are to be provided in an efficient, cost

effective manner, with the goal of reducing the delay and resources currently required for such tasks as clothes details are bound to a particular customer with a given id. Since the existing system makes use of tedious administrative tasks, lots paper work and time, in which full information cannot be gotten from busy customers. Assigning of works to others workers (tailors working in the shop) is proposed in this application.

Advantages of Proposed System:

1. It aids the administrator in data management of customers, by allowing the user to search for any customer with ease.
2. Order maintenance is easy.
3. It computerizes all manual works that are used.
4. Efficiency with respect to Time and work.
5. Error Free Measurements and Invoice Billing.
6. To compute the total cost depending on the selected fabric, type of material, quantity and duration and avails that information to the customer.
7. Reports are maintained properly.
8. Can maintain the details of the customer.
9. Can maintain the assigned work details easily.
10. Can update the status of the tailor working.
11. Birthday and festival wishes can be sent to customers automatically through the SMS.
12. Automation of the entire system improves the efficiency.
13. It provides a friendly graphical user interface which proves to be better when compared to the existing system.
14. It gives appropriate access to the authorized users depending on their permissions.
15. Updating of information becomes so easier.
16. The System has adequate scope for modification in future if it is necessary.

Literature review

This section takes critical review of existing system implemented, the success factors, challenges faced, technologies used and unresolved problems. This forms the basis for implementing later versions.

Existing system over proposed system

The proposed system seeks to simplify the maintenance of the tailor shop by using the application. The customers are rest assured security and availability of their clothing as at when due, as information are protected using a specific Id.

An increase in the number of customers will obviously mean more paperwork and less efficiency of the existing system[6]. Hence, many tailor firms are finding the proposed system a better and more effective way of catering for the inconvenience and inefficiency of the existing system. The proposed system for tailor firms plays a vital role in the transition and maintaining the details of the workers in the shop and the customers as well as the billing details through this application.

Example : Bill Printing page

Bill No	6		Date	25/05/2018
Customer	Praveen		ID : 1	
Delivery Date			01-06-2018	
Item Name	Qty		Unit Price	Total
Shirt	1		300	300
			Total	300.00
Cloth				0
Total Amount				300
Piad Amount				200
Remaining Amount				100

Bill No	6		Date	25/05/2018
Customer	Praveen		ID : 1	
Delivery Date			01-06-2018	
Item Name			Dimension	
Shirt			37,14,28,30,44	

Bill printing page: Admin take the print out of bill using this page.

3. CONCLUSIONS

In this computerized world. The management system proceeds through the online, this tailor shop application provides the maintenance of the records is made efficient, as all the records are stored in the database, through which data can be retrieved easily. The problems, which existed in the earlier system, have been removed to a large extent.

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