Enterprise Business Stop Shop

N. H. Pathak[1], S. V. Kature[2], A. P. Jagtap[3], Prof. S. M Salve[4]

[123]PES College of Engineering , Aurangabad-431001, Maharashtra, India.
[4]Assistant Professor, PES College of Engineering , Aurangabad-431001, Maharashtra, India.

---***---

Abstract - *The concept of Sales and Purchase Management System is very important for Business because it maintains all management related operations. This will help to computerized all the tasks related Business and maintains day to day business Information. The project titled 'Enterprise Business Stop Shop' is very useful because it minimizes your paper billing work and maintains your business records systematically online. It helps the dealers and vendor in hassle free sales and purchase of products online.*

Key Words: Enterprise business, Dealer, Distributor.

1. INTRODUCTION

As the traditional sales and purchase management system which uses the agent as mediator in between retailer and dealer provides manual organization of sales and purchase of products due to this there are many drawbacks and problems which are given below:

- Profit share is distributed between agents.
- Lot of man power required.
- Difficulty in Handling and maintaining bill books.
- Incorrect data entry may lead to data inconsistency.
- Dependent on manual workers.
- Extra paper work.

1.1 Objective

- This system can be used by small and medium business owners to keep track of their sales and purchase.
- Product Distributers can also apply this system for their business.
- Vendors and Retailers can also use this system.
- Service providing agencies can advance their business using this system.

2. LITERATURE SURVEY

The main aim of this project is to provide services to the users who have registered in the EBSS System. The services regarding to sales and purchases are carried over internet which makes the system automated, efficient and flexible for the users. **EBSS** is a web-based product used to store the details of particular sales and purchases made by retailers from dealer and purchases made by dealers from his vendors. EBSS also provides online invoicing and bill generation which can be further send via e-mail to the retailers. The records can be maintained systematically and product analysis can be done by the dealer who is the admin of EBSS system. This system can be used by any person who is having general knowledge about internet. It facilitates direct communication between dealers and retailers without any agents or mediators. This will definitely help the users for the purpose of saving their valuable time which makes this system economically viable. This system provides a registration form for all who wants to get linked to EBSS. This can be categorized based on the type of users.

In Existing system the retailer who want to make product orders have to follow traditional system which is quite tedious, time consuming and with many manual errors. Also traditional system consists of agents and mediators between the system in which direct communication is not possible between dealer and his retailer's.

Limitations of Existing System:

- **Time Consuming:** The existing system is a manual system that requires person to person communication which is time consuming and is less efficient.

- **Slow Data processing:** Bill books should be maintained and updated daily manually which consists of lot of paper work and is tedious to maintain and error prone.

- **Less Accuracy and Efficiency:** The manual system gives us very less security for saving data; some data may be lost due to mismanagement hence the system is less accurate and efficient.

- **Non User-friendly Environment:** It's a limited system and needs lot of man power.

- **Difficult to Keep Old Records:** Old system consist of hand written bill books which are difficult to maintain and can be misplaced.

3 PROPOSED SYSTEM

The Proposed System provides an online and automated portal for ordering the products which manages the sales and purchases efficiently and also maintain paperless records. It only provides services to the registered user

which makes this system secured. The development of this new system contains the following activities, which try to automate the entire process keeping in the view of database integration approach.

Advantages of proposed system:

- Friendly UI: Friendly user-interface provided in the application makes it easy to use by the users.

- Its Online: The application is available any where anytime which makes it time efficient and flexible for the users.

- Ability to incorporate newly available data: Real time data can be managed using automated system and also maintaining the data is easy as no paper records should be maintained and updated.

- Speed and accuracy is increased: As the application is over internet sales and purchases can be made from anywhere which provides speed and data can also be maintained accurately.

- Security is associated with user authentication: Un-registered users cannot avail the services provided by the application which makes its secure only authenticated users can access this application online.

4. SYSTEM ANALYSIS

4.1 System Requirements and Analysis:

The following sections will introduce the numerous requirements of the system from the point of view of different users and will introduce a number of decisions that have been made regarding implementation. These sections also attempt to somewhat describe the role of each user group in the system, discussing their individual roles through the functions they can perform.

4.1.1 User Interface

The user interface for this system will have to be simple and clear. Most importantly, the pages must be easy to read, easy to understand and accessible. The color scheme should be appropriate to provide familiarity with the university and there should be no contrast issues.

4.2 Retailer View Functionality:

Retailer Registration and Login System: Applicants will carry out their own registration, providing the system with a way to associate a user to their application(s). This will enable the system to display personalized information when the user logs in and certain information, such as name and address, to be added to each application automatically. Giving each Retailer a specific ID will also allow a retailer purchase order form and view invoice, while giving the

system a way to prevent unnecessary duplication of applications.

- New Retailer registration
- Retailer login to the system by entering particular registered user-id and password.
- Retailer can view retailer purchase order form and he can purchase product.
- Purchased product invoice will be generated.

- **Application System:** The application process will be as straightforward as possible, using an intuitive form layout, with the necessary information being completed in stages. When regarding supplementary documentation, such as degree transcripts, these could be uploaded through the form in digital format, upon which it will be saved to the database and associated with the application, being accessible by both the dealer and retailer.

- **Update Details:** Retailer information will be updated by dealer (admin) at any time. Admin however, will also be able to update their invoice details. After the retailer has confirmed the order, an e-mail is dispatched with the original and new invoice details as confirmation. The only time an application will be locked for editing will be when it has been submitted to a admin for review, after which point the application will no longer be accessible by the retailer.

4.3 Dealer functionality:
- View and approve retailer order
- Add new retailer into the system.
- Add new vendor into the system.
- Changes taxes on applied particular product.
- Sending invoice by using email.
- Invoice changing authority.

4.4 System Interface
- **Validation:** On the completion of each form in the system, the system will use a set of validation functions to ensure that information is of the right type in each field.
- **Make Recommendations:** The system should be able to make recommendations to the retailer which will be decided once an application has been submitted by the dealer
- **Report Generation:** Generate reports based on the selected criteria.
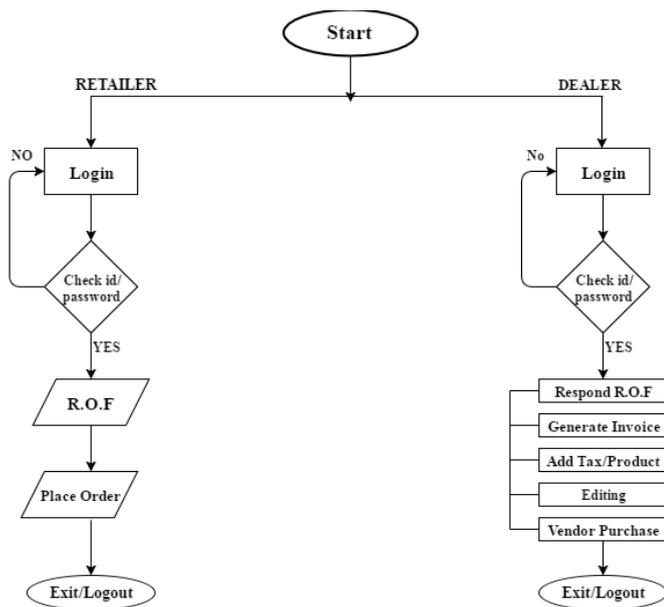
Fig-1: Flowchart of the system

5. CONCLUSION

To overcome the traditional problems we suggested to our client that 'Enterprise Business Stop Shop', takes proper strategy for selling and purchasing their products as well retailer should get attracted by using user friendly and online system. The main objective of EBSS on sales and purchase management is to make the function of organization smooth. Manual work being done in each department of organization needs to be computerized for quick and better results with minimum delay in time. The EBSS is developed in such a way to ensure time utilization, smooth functioning and building a cohesive relationship between various activities. The designing has been made with a view to reduce the effort involved in processing the activities of various people thus diminishing the inconvenience to users and increasing system efficiency and reliability. To provide the user friendly automated system, which provides efficiency, security of data and errorless outputs. The system should be capable of managing all order forms, details for their requirements, vendor details who supply items. Aim is to perform all transactions involving people and organization using internet with other channels of transactions, which take a supportive role to internet.

REFERENCES

[1] https://www.asapsystems.com/inventory-management-system.php

[2] http://www.kalpaksolutions.com/inventory_sales_purchase_payroll_systems.php

[3] http://www.thecanvus.com/

[4] http://www.differencebetween.com/

[5] http://www.developphp.com/

[6] https://www.ece.cmu.edu/~ece846/spring-2004

[7] http://www.dreamincode.net/

[8] http://www.webslesson.info/

[9] "Data Base Management Systems" Raghurama Krishnan, Johannes Gerhrke,TATA

[10] "Software Engineering" By Roger S.Pressman,McGraw Hill International Edition Pressman

[11] "The Complete Reference" By Steven Holzner,McGraw Hill International Edition

BIOGRAPHIES

Student of Computer Science and Engineering at PES College of Engineering, Aurangabad.

Student of Computer Science and Engineering at PES College of Engineering, Aurangabad.

Student of Computer Science and Engineering at PES College of Engineering, Aurangabad.

Assistant Professor at PES College of Engineering, Aurangabad.