

# International Journal of Innovative Research in Science, Engineering and Technology

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## Device Electronics File Management System

Mr.G.Sreeraj<sup>1</sup>, Mr.M.S.Sabari ,M.E<sup>2</sup>, Dr.R.Umamaheswari,ME.,Ph.D<sup>3</sup>.,

PG Scholar, Department of Computer Science and Engineering, Gnanamani College of Technology, Tamilnadu, India<sup>1</sup>

Assistant Professor, Department of Computer Science and Engineering, Gnanamani College of Technology,  
Tamilnadu, India<sup>2</sup>

Head of the Department, Department of Computer Science and Engineering, Gnanamani College of Technology,  
Tamilnadu, India<sup>3</sup>

**ABSTRACT:** The main aim is developed to provide user – friendly method for purchase sale and stock of items of different company in the Electronic Shop like organizations. Item's name, rate and quantity etc of different company in the electronic shop like organizations Details of items different company etc. are to be inserted. The details of items must also be added when they get new items in the organization and then also get the details of item, price and staff and their salary and stipend. This system does not require much experience in the computer science. By little work any one can use this system. The tools used are Visual Basic 6.0, Microsoft Access, Notepad and calculator. The Electronic Components Distribution centre has unlimited capacity. Here, we assumed that the inventory holding cost in Electronic Components Distribution centre is higher. Shortages in inventory are allowed and partially backlogged and it is assumed that the inventory deteriorates over time at a variable deterioration rate. Cost minimization technique is used to get the expressions for total cost using Genetic Algorithm and numerical example is also used to study the behavior of the model. Electronic Components Distribution centre containers are Distribution centre for the Distribution centre and Distribution centre of goods and the provision of other related services to encourage distributors and / or manufacturers to maintain products in a scientific and systematic manner, in order to that they regain their original value, quality and utility preserve. On the basis of physical condition in relation to the PSO has no cross / mutation, but the personal optimum for each individual, the overall optimum in the total population and the neighborhood optimum found by the neighbors of each individual are Distribution centre for speed and position update each. This process is repeated until the maximum generations or convergence is reached.

**KEYWORDS:** Device Electronics, Sale and Purchase, Credit Sale and Credit Purchase

### I. INTRODUCTION

Project deals with the computerization of data storage and retrieved of various data customer. This data contains information about the sim id, connection type, entering, editing, viewing and their personal details like address, phone number etc will show according to our need. This system also will show each and every details such as sim id number, name of the customer, their address and the connection type and etc. So an organization can easily maintain customer details. This will make the Managerial function of organization easier. This project expects no formal education in using this system. Of course these who are managing organization and doing recordal works are likely to derive more benefits from this software. It acts as the custodian of all materials required by the industrial unit and supplier materials as needed. Sometimes the total requirement for an item is such that the supplier is more likely to buy than he can Distribution centre it in his Electronic Components Distribution centre. If an attractive discount is available for bulk purchases, or if the purchase cost of the goods is greater than other costs related to inventory or demand for very large items or if there are problems with frequent purchases, management decides to buy a lot of

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items. Save time. These items cannot be Distribution centre in the existing warehouse in the booming market. In this case, an additional Distribution centre of Electronic Components is rented on a rental basis for the Distribution centre of surplus items.

## II. RELATED WORK

### Electronics POS Management Using Environmental Collaboration Optimization Analysis

Proposed method uses the Genetic Algorithm to study the stock level that needs essential Green Supply chain inventory management using environmental collaboration and sustainability performance. This is the pre-requisite idea that will make any kind of inventory control effective. For this purpose, it are using Evolutionary algorithms method as assistance. In practice, the Green Supply chain inventory management using environmental collaboration and sustainability performance supply chain is of length m, means having m number of members in Green Supply

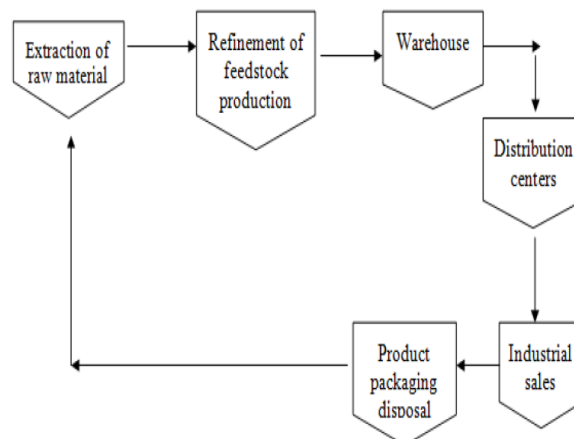


Fig 1 Four member Green Supply chain inventory management using environmental collaboration

### Integrated ERP Electronic Device System: Technologies Associated with ERP

Conceptual Model for Integrated ERP System with E-Business E-business has changed the definition of enterprise systems. Beyond the core business functions that ERP has traditionally focused on, E-business pushes the ERP from the inside core of the companies to the network edge. Companies are realizing that the most challenging part of E-Business initiatives is not in developing a web store front but in extending ERP to accomplish B2B and B2C solutions. A new extended enterprise system emerges by integrating ERP with E-Business which creates business that is more agile, more focused and more competitive than traditionally structure business and tight B2B connections. Extending ERP out of network edge is basically integrating core business process to customers, suppliers outside the organization. By integration it mean that making an organization adapt the changes in commercial circumstances under comprehensively applying the Internet, information share and interactive conditions. Client can be either customer or supplier or any other enterprise.

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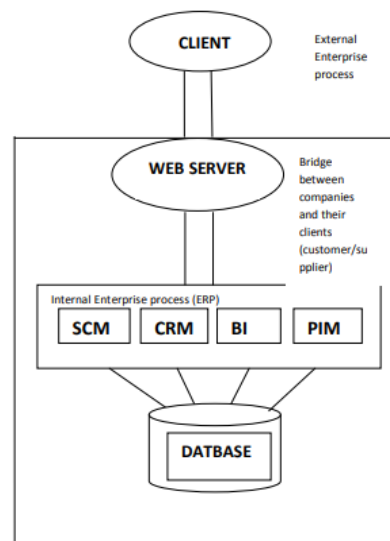


Fig 2 Conceptual Integrated model for ERP and E-business

### III. EXISTING SYSTEM

Existing system deals with the handling of shop details in the sale and purchase. This company buying and selling of various items about sale and purchase of an electronic shop. The main objective of this shop is to sale and purchase of an item. Items details give the personals details about the item like Television, DVD, MIXI, Ironbox, Fan etc... In additional details of items like amount collected, total amount and balance amount. Staff and trainees details like their designation, basic salary and stipend details, and personal details.

#### Disadvantages

- The manual processing will be error prone and tedious job.
- The working of the shop details cannot be handling smoothly.
- Less efficiency.
- More time is required and more storage space is needed.

### IV. PROPOSED SYSTEM

Proposed system is divided into five categories.

- File: This section provides you sale and purchase details. By entering like items name, amount, quantity, tax etc. In the next option allows you to show the credit sale and credit purchase and help the items list to Edit, Delete, Search and Submit
- Edit: This section provides you to use sales register and purchase register.
- View: This section provides you to adding the new courses and shows the salary and other expense. It helps the staff salary details like hra, da, lic etc
- Insert: This section provides you to adding new items and show the staff details. The other details like adding the trainees and show details about the trainees.
- Calculator: This section provides you to use calculator.

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Need for computerization of the shop details handling is to reduce access time of the information and reduce the error that are caused by storing details manually. When it are using some application programs, means it will be more user friendly .Also it can update this information very easily when it compare to manual storage.

Shop details handling without computer is not an easy task. Because it want to keep and update information about sale and purchase, this process is more expensive and more time consuming.

## **Advantages**

- Main advantages of computerized system are that less time is required to occur data and less storage space is needed.
- In the organization different types of items join and will go. So at that time it is not required to keep their information.
- So, at that time it can remove them and more memory storage space will be provided.

## **V. METHODOLOGIES**

Most creative and challenging phase of the life cycle is system design. The term design describes a final system and the process by which it is developed. It refers to the technical specifications that will be applied in implementations of the candidate system. The design may be defined as —the process of applying various techniques and principles for the purpose of defining a device, a process a system with sufficient details permit its physical realizationl.

### **Purchasing**

Module describes how the dress materials are purchased from a company or a shopping mall. After choosing the materials, the customer will go to the accountant to pay the bill. The accountant will enter all the details of the customer and the materials he had taken and return a receipt of the purchased materials

### **Accountant Session**

In this module, after choosing the materials, the customer will go to the accountant to pay the bill. the accountant enters all the details of the customers and the materials that customer had purchased. The accountant gives a receipt to the customer. Then enters all the previously entered details of the billing section into a table called database table

### **Owner Session**

In this module, the owner of the company or the shop can see that database table which includes all the details of the customer and the materials he had purchased. He can also see the growth of sale taking place in his company or shop each day from anywhere in the world. The growth of the sale will be shown in increasing or decreasing points called point of sale

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## ARCHITECTURE DIAGRAM

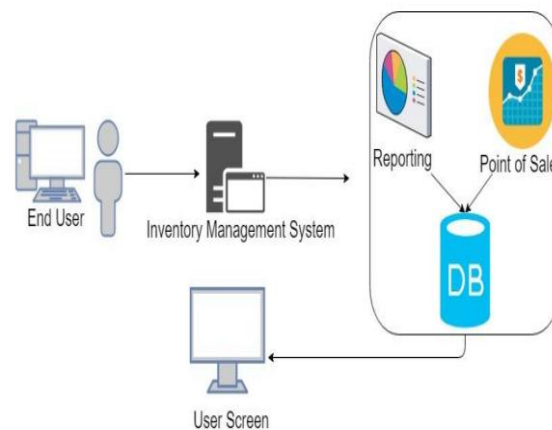


Figure 3 Architecture Diagram

## VI. CONCLUSION

Purpose of reducing the errors that occur in the traditional attendance taking system has been achieved by implementing this automated attendance system. In , face recognition system have been presented using deep learning which exhibits robustness towards recognition of the users with accuracy of 98.3% . The result shows the capability of the system to cope with the change in posing and projection of faces. From face recognition with deep learning, it has been determined that during face detection, the problem of illumination is solved as the original image is turned into a HOG representation that captures the major features of the image regardless of image brightness.

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