

Invoice Management System

**Rohit Kiran Bhosale, Mr. Vishal Pandurang Shinde, Mr. Shivam Dilip Rajmane,
Mr. Shubham Manohar Mane, Mr. Sidhant Sanjay Mandale, Mrs. S. S. Kadam**

Department of Computer Science and Engineering
SVETI's College of Engineering, Pandharpur, India

Abstract: *The purpose of Invoice Management System is to automate the existing manual system by the help of computerized equipment's and full-fledged computer software, fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same. The required software and hardware are easily available and easy to work with. Invoice Management System, as described above, can lead to error free, secure, reliable and fast management system. It can assist the user to concentrate on their other activities rather to concentrate on the record keeping. Thus, it will help organization in better utilization of resources. The organization can maintain computerized records without redundant entries. That means that one need not be distracted by information that is not relevant, while being able to reach the information. The aim is to automate its existing manual system by the help of computerized equipment's and full-fledged computer software, fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same. Basically, the project describes how to manage for good performance and better services for the clients..*

Keywords: Invoice Management System

I. INTRODUCTION

The "Invoice Management System has been developed to override the problems prevailing in the practicing manual system. This software is supported to eliminate and, in some cases, reduce the hardships faced by this existing system. Moreover, this system is designed for the need of the company to carry out operations in a smooth and effective manner. The application is reduced as much as possible to avoid errors while entering the data. It also provides error message while entering invalid data. No formal knowledge is needed for the user to use this system. Thus, by this all it proves it is user-friendly. Invoice Management System, as described above, can lead to error free, secure, reliable and task management system. it can assist the user to concentrate on their other activities rather to concentrate on the record keeping. Thus, it will help organization in better utilization of resources.

Every organization, whether big or small, has challenges to overcome and managing the information of Clients, Invoice, Product, Sales, Business. Every Invoice Management System has different Invoice needs; therefore, we design exclusive employee management systems that are adapted to your managerial requirements. This is designed to assist in strategic planning and will help you ensure that your organization is equipped with the right level of information and details for your future goals. Also, for those busy executive who are always on the go, our systems come with remote access features, which will allow you to manage your workforce anytime, always. these systems will ultimately allow you to better manage resources.

II. OBJECTIVE OF PROJECT ON INVOICE MANAGEMENT SYSTEM

The main objective of the Project on Invoice Management System is to manage the details of Invoice, Clients, Payments, Product, Business. It manages all the information about Invoice, Sales, Business, Invoice. The project is totally built at administrative end and thus only the administrator is guaranteed the access. The purpose of the project is to build an application program to reduce the manual work for managing the Invoice, Clients, Sales, Payments. It tracks all the details about the Payments, Product, Business.

2.1 Functionalities provided by Invoice Management. System are as follows:

Provides the searching facilities based on various factors. Such as Invoice, Payments, Product, Business
Invoice Management System also manage the Sales details online for Product details, Business details, Invoice.

It tracks all the information of Clients, Sales, Product etc Manage the information of Clients Shows the information and description of the Invoice, Payments
To increase efficiency of managing the Invoice, Clients
It deals with monitoring the information and transactions of Product.
Manage the information of Invoice
Editing, adding and updating of Records is improved which results in proper resource management of Invoice data.
Manage the information of Product
Integration of all records of Business.

2.2 Scope of the project Invoice Management System

It may help collecting perfect management in detail. In a very short time, the collection will be obvious, simple and sensible. It will help a person to know the management of passed year perfectly and vividly. It also helps in current all works relative to Invoice Management System. It will be also reduced the cost of collecting the management & collection procedure will go on smoothly.

Our project aims at Business process automation, i.e., we have tried to computerize various processes of Invoice Management System.

In computer system the person must fill the various forms & number of copies of the forms can be easily generated at a time.

In computer system, it is not necessary to create the manifest, but we can directly print it, which saves Our time.

To assist the staff in capturing the effort spent on their respective working areas.

To utilize resources in an efficient manner by increasing their productivity through automation.

The system generates types of information that can be used for various purposes.

It satisfies the user requirement

Be easy to understand by the user and operator

Be easy to operate

Have a good user interface

Be expandable

Delivered on schedule within the budget.

2.3 Reports of Invoice Management System

- It generates the report on Invoice, Clients, Sales
- Provide filter reports on Payments, Product, Business
- You can easily export PDF for the Invoice, Sales, Product
- Application also provides excel export for Clients, Payments, Business
- You can also export the report into csv format for Invoice, Clients, Business

2.4 Modules of Invoice Management System

- Invoice Management Module: Used for managing the Invoice details.
- Business Module: Used for managing the details of Business
- Sales Module: Used for managing the details of Sales
- Clients Management Module: Used for managing the information and details of the Clients
- Payments Module: Used for managing the Payments details
- Product Module: Used for managing the Product information
- Login Module: Used for managing the login details
- Users Module: Used for managing the users of the system

2.5 Input Data and Validation of Project on Invoice Management System

All the fields such as Invoice, Payments, Business are validated and does not take invalid values

Each form for Invoice, Clients, Sales cannot accept blank value fields

Avoiding errors in data controlling amount of input Integration of all the modules/forms in the system.
Preparation of the test cases.
Preparation of the possible test data with all the validation checks.
Actual testing done manually.
Recording of all the reproduced errors.
Modifications done for the errors found during testing.
Prepared the test result scripts after rectification of the errors.
Functionality of the entire module/forms.
Validations for user input.
Checking of the Coding standards to be maintained during coding.

2.6 System Design of Invoice Management System

In this phase, a logical system is built which fulfils the given requirements. Design phase of software development deals with transforming the client's requirements into a logically working system. Normally, design is performed in the following in the following Wo steps

1. Primary Design Phase: In this phase, the system is designed at block level. The blocks are created based on analysis done in the problem identification phase. Different blocks are created for different functions emphasis is put on minimising the information flow between blocks. Thus, all activities which require more interaction are kept in one block.
2. Secondary Design Phase: In the secondary phase the detailed design of every block is performed.

The general tasks involved in the design process are the following:

1. Design various blocks for overall system processes.
2. Design smaller, compact and workable modules in each block.
3. Design venous database structures.
4. Specify details of programs to achieve desired functionality.
5. Design the form of inputs, and outputs of the system.
6. Perform documentation of the design.
7. System reviews.

III. LIMITATION OF PROJECT ON INVOICE MANAGEMENT SYSTEM

Although I have put my best efforts to make the software flexible, easy to operate but limitations cannot be ruled out even by me. Though the software presents a broad range of options to its users some intricate options could not be covered into it, partly because of logistic and partly due to lack of sophistication. Paucity of time was also major constraint; thus, it was not possible to make the software fool proof and dynamic. Lack of time also compelled me to ignore some part such as storing old result of the candidate etc.

Considerable efforts have made the software easy to operate even for the people not related to the field of computers, but it is acknowledged that a layman may find it a bit problematic at the first instance. The user is provided help at each step for his convenience in working with the software.

List of limitations which is available in the Invoice Management System:

Excel export has not been developed for Invoice,

Clients due to some criticality.

The transactions are executed in of-line mode, hence on-line data for Payments, Product capture and modification is not possible.

Off-line reports of Invoice, Business, Payments cannot be generated due to batch mode execution.

REFERENCES

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