

## Supplier Audit Management System

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### ABSTRACT

*Now-a-days, the process of audit increases in all the companies in order to check for the compliance of the company, with auditor's regulations. Regular audits are essential to reduce the risk of non-compliance. However, audit management is becoming gradually puzzling, given the growing complexity of businesses and the number and types of audits that need to be conducted. Therefore for doing such audit, spreadsheet and word processing software are not only enough. Companies are fast realizing that they can't get accurate results and there may exist some inconsistencies audit management. Hence in this project a software called audit management software is developed. This software can be used to schedule, reschedule, and also to perform an audit. While auditing it allows the auditor to score, based on the performance of the company. After completing the entire audit process, audit report can be generated automatically based on the audit which can clearly explain the current status of the company by pictorial representations such as pie chart, bar graph etc., Finally this software can generate a PDF file which consists of entire analysis report of the particular company. This PDF file can be mailed to the auditor's organization.*

Keywords: Audit management, IT audit management, Spreadsheets, Report Generation.

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### 1. INTRODUCTION

An information systems audit, is an investigation of the organization controls within an Information technology (IT) infrastructure. Here, this audit management software can be used to schedule, reschedule and to perform any type of audit. Here this software is used for supplier audit management process. It means that the auditor is going to audit their suppliers. As this project is for an industry, they are going to use this software to audit their suppliers. ATM production is their core work. They are gathering spare parts of ATM from their suppliers. Hence they are going to audit their suppliers for ensuring quality factors. The main objective of an internal audit is to assess and, when necessary, improve the effectiveness of internal business controls, risk-management plans and overall business processes. Audit procedures typically start by assessing current processes and procedures. Auditors then analyze and compare results against internal control objectives to determine whether audit results comply with internal policies and procedures as well as federal and state rules and regulations. As a final step, auditors compile an audit report to present to the business owner. A final internal audit report marks the end of the internal auditing process. Although reporting always includes a formal report, it can also include a preliminary or memo-style interim report. An interim

report generally includes sensitive or significant results the auditor feels are necessary to share immediately with the business owner. A final report is significantly more formal and includes a summary of the procedures and techniques used in completing the audit, a description of audit findings and suggestions for changes or improvements to internal controls and control procedures.

## **2. LITERATURE SURVEY**

### **2.1.FORMALIZATION OF THE IT AUDIT MANAGEMENT PROCESS**

The goals of the organizations are achieved by performing the audit which employs standardized methods to evaluate and improve the compliance and controls of the organization. In the present audit management process there involves huge effort and high cost since it needs various resources and assets. This is because of the large number of regulations which is difficult to apply. However the available frameworks bring uncertainty and complexity to the organizations. Our intent is to analyse the important frameworks that will formalize the IT audit management process. The need of our work is there is still a missing of formalization of the IT audit management process and organizations are really struggling with various issues in the market. Thus, the improvement in the organizations performance can be achieved.

### **2.2. FUNDAMENTAL DATA AUDIT FOR MEDICAL INSURANCE FUND MANAGEMENT INFORMATION SYSTEM**

This paper illustrates the fundamental data audit approach for the medical insurance fund management information system in order to prevent the risks involved in medical insurance fund and improve the service level of the organization. Here both the manual audit and computer audit is used. It is accomplished by data file audit , internal control audit and application program audit. This audit is used in the practical MIFMIS audit cases. The uncovered and unsolved irregularities were there such as unsound control measures of application programs in links of input and processing , absence of execution of internal control system, and repeated insurance if various systems. This paper is taking rectification measures and thus promoting the improvement and perfection of MIFMIS.

### **2.3.ENTERPRISE KNOWLEDGE MANAGEMENT AUDIT BASED ON PROCESSES**

In the stream of knowledge economy and with unceasing importance of knowledge , the term knowledge management has become one of main tool to gain competitive advantages and it has also become the most reliable step of knowledge management implementation. This paper has widely analysed the method of knowledge management audit, connotation , model and thus discussed the support processes and core processes of knowledge management audit. Finally proposed an integrated framework in order to provide future references for knowledge management implementation.

## **3. EXISTING SYSTEM**

Audit is the mandatory process carried out by each and every organization. Internal, external, process audits, etc., can be done in various organizations according to their need. But the entire process was done manually. The processes such as scheduling of audit and rescheduling the audit was done in offline i.e., by offline communication by means of making calls by the auditor and auditee. Even at the time of audit, the auditor took the hard copy consists of set of questionnaires to the auditee's organization. Then the auditor have to fill that form by giving scores, comments about the low, medium and high scores. Manual work is more in traditional audit management system. Hence there is more chance to commit mistakes in audit management process.

#### 4. PROPOSED SYSTEM

In this project a software called audit management system can be developed. The audit management software can be broadly split into four modules such as create schedule, schedule audit list, audit and final report generation.

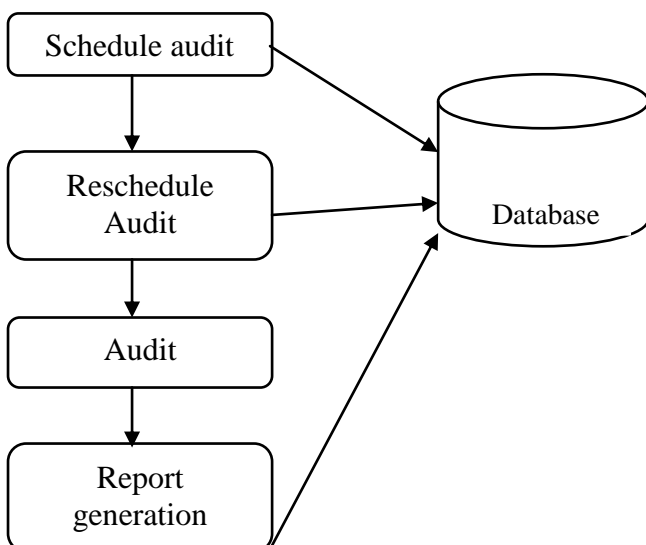
##### MODULES:

- ✓ Schedule audit
- ✓ Reschedule Audit
- ✓ Audit
- ✓ Report Generation

##### MODULE 1: SCHEDULE AUDIT

The create schedule is used to create schedule for the various audits that is to be performed for different client companies. In this phase the auditor have to fill the form which prompts to fill the details such as auditor, auditee, supplier, region, country, city and schedule type. In this way, any number of schedule can be made. These schedules can be added to the table called Schedule Audit list table. i.e., this table can display the scheduled audits. The schedule is done perfectly without colliding the schedule which is done already by the auditor and mismatching of audits is to be avoided.

##### ARCHITECTURE



**Figure 1. System Architecture**

**MODULE 2: REVIEWING THE AUDIT**

In this module a list is generated for all the scheduled audits and completed audits as well in the form of a tabular column. The auditor can view the details of the audits in a table form. There is an option of editing the list if some inconvenience occurs and which may leads to postponing or preponing or cancellation of the audit.

**MODULE 3: AUDIT**

Audit process typically start by assessing current progressions and processes. Auditors then analyze and compare results against internal control goals to decide whether audit results conform with internal policies and procedures as well as federal and state rules and regulations.

**MODULE 4: REPORT GENERATION**

As a final step, auditors compile an audit report to present to the business owner. A set of questionnaire is analysed and rated by the auditor within his predefined rates of organization performance. By evaluating the performance of the company, this software will automatically generate an audit report as a PDF file.

**4. CONCLUSION**

Currently manual process is used for audit management which may lead to some mistakes. Hence for audit management, this software can be used effectively. Because automization is our main objective, so everything is automatized in this software. Therefore chance of committing mistakes can be avoided. Because of automization, this software is more user friendly also.

**REFERENCES**

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