MODULE REGARDING INTERNATIONAL STANDARD ORGANIZATION: ISO

Nelson Royce Dsouza
Department of Master of Computer Application
Visveswaraya Technological University, Belagavi

Abstract
International Standard Organization gives world-class specifications for products, services and systems, to ensure quality, safety and efficiency. Covering almost every industry, from technology, to food safety, to agriculture and healthcare. ISO International Standards ensure that products and services are safe, reliable and of good quality. For business, they are strategic tools that reduce costs by minimizing waste and errors and increasing productivity.

I. Introduction

International Standard Organization gives world-class specifications for products, services and systems, to ensure quality, safety and efficiency. Covering almost every industry, from technology, to food safety, to agriculture and healthcare.

ISO International Standards ensure that products and services are safe, reliable and of good quality. For business, they are strategic tools that reduce costs by minimizing waste and errors and increasing productivity.

Common benefits across the certifications include: widened market potential, compliance to procurement tenders, improved efficiency and cost savings, higher level of customer service, and therefore satisfaction, and heightened staff moral and motivation.

By having a recognised management standard it tells your customers that you are serious about their needs. We have developed our project known as ISO where all these process are computerized.

Presently all these works are manually done and this manual collection of data might prone to the errors as well as this might lead to the complexity of work. Hence to avoid all the above mentioned scenarios ISO has been developed.
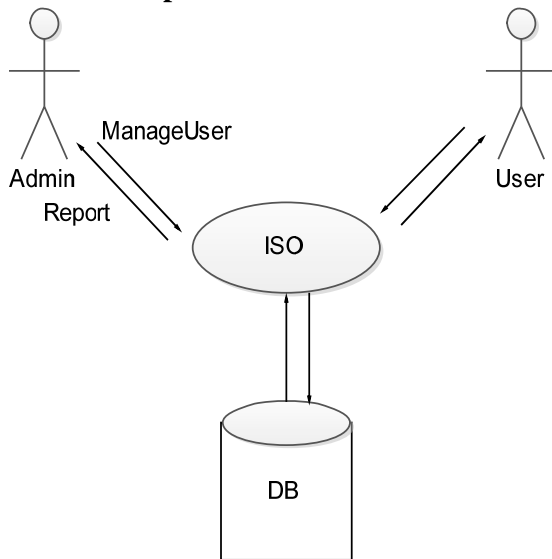
II. Literature Survey

ISO offers following benefits to the consumers and the owners. It helps in creating the products that are safe and are of good quality. This leads in the increase in the productivity of the business while reducing the waste. They facilitate companies in entering new markets and assist in the development of global trade on a fair basis.

The standards also serve to safeguard consumers and the end-users of products and services, ensuring that certified products conform to the minimum standards set internationally. Hence ISO be an important aspect in the business without it consumers would lack in gaining all these benefits. Currently system is manual with creates lot of work. It has several disadvantages. The data might be wrongly entered or the maintained record would be lost. The work takes a long time for the completing .Hence our project aims at overcoming all the mentioned drawback.

The system will be computerized and hence lacks in all the drawbacks mentioned above. Customers can get an idea of the operation since they are able to view the status. Agents needs not communicate to users on every updates. The work procedure here is simplified and more secured compared to the manual transactions.

III. Implementation

The project holds the Admin (franchise), Agent and company (customer). The agent will collect the information from the company and send the quotation to Admin .Admin will undergo the quality manual process in order to check they are eligible for certification. The payment pending from the customer can be viewed.

The certificate will be valid for the particular period of time .Once the time expires it needs to be recertified. This module contains the renewal date of customers.

The franchise provides them the certificate ensuring that products and services are safe, reliable and of good quality and the classification can be viewed based on the company or industry etc. It also holds information on different franchise. The commission will be provided by the government based on particular slabs. The commission master will be eligible for that. Customer details: here the details of the customer who owns the company or the industry can be viewed.

The franchise after going through all the required process sends it for the further enquiry to the government. The status like approved or rejected can be viewed here, the franchise has the privilege to verify the company to check if they are eligible for the certification. The verification will be done based on customers the company owns and the total turnover of the company

IV. Proposed System with objectives

The system will be computerized and hence lacks in all the drawbacks mentioned above. Customers can get an idea of the operation since they are able to view the status. Agents needs not communicate to users on every updates. The work procedure here is simplified and more secured compared to the manual transactions.

Objectives:
- Data can be maintained in a structured format.
- The data stored can be used for future reference.
- Customers can get an idea of their transaction.
- Agents need not visit customers on every update.
- Customers can get to know the day to day activities
- Reduces the errors
- Reduces the complexity of work

V. Conclusion

In this existing system, the time required for handling all necessary task is so high and difficult to maintain all the information. In this project we develop a highly interactive user friendly application.

It is much easier to handle and allow the user to access the software easily. Here we are achieving authentication by providing the facilities depending on the user mode. The upcoming software is tested with the simple data and outputs are obtained in according to the requirements. The project will met most of the primary requirements of the concern

VI. References

[1] An Integrated approach to Software Engineering, Edition 3, Pankaj Jalot

[2]Ian Somerville, "Software engineering", Seventh edition, Pearson Education, Inc., USA, 2008, pp.43-63

[3]ISO 9000 Quality Systems Handbook Fourth Edition, David Hoyle