Management Information System Proficiencies and Planning

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Abstract

With the rapid development of information technology Management Information System (MIS) is laden with developing the effectiveness of the organizations and people. This paper is about the design and capability of resource based management information system. Firstly, from a resource based management point of view the MIS resources are unparalleled and important. MIS resources can be categorized in three ways namely – human, relationship and technological resources. Basically our paper focuses on MIS Human Capital and Partnership Quality as well as on the IT infrastructure flexibility, and postulate that each of these assets have the honest relationship with MIS proficiency. Secondly, the MIS proficiencies are the pattern in the MIS department that empower it to deliver services to the corporation. Thirdly, the main purpose behind developing the management information system is to escalate the skill of the corporation to attain its target. The planning provides the different schemes for the corporation to ensure the proficiencies between systems, prioritizes development, and inspires the removal of unnecessary systems.

Keywords: Management information system (MIS); MIS resources; MIS proficiencies.

Introduction

MIS is responsible for developing the effectiveness of the organizations and the concerned people by providing people the information they require to make the
decision or solve the problems through the use of information technology in order to operate for their corporation. Basically MIS provides the collective information that corporation requires for its functioning. MIS is a versatile system which is managing technologies, procedures as well as people simultaneously. The MIS we are talking here is completely different from other information system like engineering or mathematics, as MIS is about analyzing, planning and functional scheme. The success or the failure of the MIS is directly proportional to the success or the failure of the individual and the corporation. Over the time MIS has become common in the corporations because all the information is stored or linked with the information technology. The main purpose behind the MIS is to make corporation work efficiently. MIS can be seen as the collaboration of technology and the human resources. MIS provides the different types of information to the managers.

Management Information System Resources
From a resource based management point of view MIS resources are important and unparalleled. MIS Resources provides professionals with several important asset. The MIS resources can be categorized in 3 ways namely human, social relationship and technological resources. Basically to understand MIS resources we need to consider different factors and postulate that each of the assets have the honest relationship with the MIS proficiency.

A. Humans for MIS
Anyone who has ever worked on a computer system knows that the MIS system operates successfully only if the participant has the adequate knowledge and skills. The knowledge and skills are all about the interpretation of the information in the system. Using the MIS modification to improve the work system requires making changes to the work system and overcoming the current ways of doing work. Unless the problem is serious, overcoming often takes a lot of time. The main force that overcomes the current work system to modify it is the involvement and the commitment of the managers and the participants. Whereas low level of involvement shows that the MIS system will fail considerably without reaching its full potential. Since the effectiveness and the proficiency of the corporation is dependent on the participant it can be said that the skills and involvement of participant is needed to deliver the effective MIS services.

B. Social Relationship
The effective MIS services is directly proportional to the social interaction which is between MIS and the participants. The social presence is very important for the MIS system either it can be personal, impersonal or anonymous communication, since the business performance like rate of output, consistency etc. is directly related to it.
C. Technological resources
The management of day to day changing technology is important for any corporation. Change in the IT infrastructure has come swiftly and adequately and is expected to continue in the future also. A good IT infrastructure or technological resources are responsible for enhancement of corporations by swiftly solving the problems faced by the corporations. Functional capabilities, ease of use, compatibility and maintainability of software system and data provides the cost effective MIS services.

Management Information System Proficiencies
Proficiencies are the different procedures which are used to determine the effectiveness of the corporation by attaining effective output results. MIS proficiencies are the procedures followed in the MIS department to provide the IT facilities to the corporations. MIS proficiencies can dependent on different factors like the modification in the MIS architecture which required from time to time because of the competitiveness and the advancement in the technology. So in order to gain benefits because of IT corporations must modify their process, business models or marketing and sales strategies may also require some modification. The corporation should soon adapt the new standards available if not then build their own standards with the help liaisons.

MIS management is also an important for system development. Skills, knowledge and procedures are needed to make sure that all issues and task of the client are resolved.

There should be honest relationship between business and MIS managers to maintain the growth of business and technology by various projects.

There should be a long term planning between the business and MIS participants so to gain benefits from various initiatives.

Management Information System Planning
Participants in the MIS system need to know what to do, when to do and how to make system work effectively. Planning for improving performance is especially important today’s competitive business fields and the complex growing IT environment. So the strategic MIS planning involves the risks and payoff the corporation faces when using the MIS for competitive advantage.

SWOT analysis (strength weakness opportunities and threats) is used to check the impact of each plan on the corporation. The strength of the corporation is its core proficiencies and resources in which it is leader in the industry.

A MIS planning is for developing the management information system which maximize the performance of the corporation by achieving its set goals

The ultimate result of the many planned management information system is that the capabilities in the system becomes competitive necessity and are no longer source of competitive advantage.
To answer the above questions such as what to do, when to do we categorize the MIS planning into two categories: Information planning, Information management planning.

A. Information Planning
Information Planning is not only about which information to be used but about the information accessibility, quality, presentation, security as well as the information superhighway i.e. the idea that everyone should have virtually unlimited access to the information in electronic form. It is a part of business planning concerned with using the corporation’s information for its effectiveness.

B. Information Management Planning
It is concerned with how to manage or organize the information for different purposes. It also looks that the information on which MIS is working is need to be changed or modified because of the competition or not. It is level of summarization of information to the user. So information needs to be managed for the successful working of corporation.

Conclusion
In past few years corporations have started considering the MIS as significant way to improve their performance. Therefore it is needed to better understand how MIS works in a corporation. This paper is an attempt to understand the above.

References


