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MANAGEMENT INFORMATION SYSTEMS AND THEIR IMPORTANCE IN THE DECISION-MAKING

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ABSTRACT: Management is the art and knowledge of things, we see that the system plays a prominent role in the life of the individual and society. It is the duty of man does not stop at the borders to learn and gain experience for himself only, but goes beyond that to the need for the transfer of expertise and knowledge to his children and the generations that after him so he was required to invent what is known as the external memory because the memory of man belong the affiliation linked, as well as being affected by what hardly of emotions and mental health disorders. External memory and include in human uses of the media recorded by his information and data collected through the daily his observations and obtained from the results of creative thinking and experience and expertise over the days, and had previously been said between the circles of specialists in Administrative Sciences that the first man without his observations and experiences an inscription on the walls of caves The cave, which was inhabited, has evolved style of registration used by the man, as the recording media development time evolved appeared panels mud in their various forms, as well as other stone paintings that the importance of management information system confirms that it is difficult to identify trends and strategies and business objectives without that there will be information as it is not possible to implement the organization's activities, follow up and seek to develop without accurate information available, organized and classified.

Keywords: Management Information System, Decision Support System, Knowledge Information System, Transaction Processing Systems, Project Management Information System, Marketing Information System.

INTRODUCTION

With the development of the world and its entry in a major administrative and organizational revolutions we escorted the new style of the industry, which showed the innovative concepts for planning, monitoring and evaluation of performance and try to improvement and continuous development in favor of more efficient use of the resources available to man in order to achieve prosperity and to create conditions for the development of future generations, and I've been devising suitable to accommodate information systems through the introduction of information systems at the computer types of sophisticated modern techniques that can correspond to the problem, and is intended to transform the style of preservation, processing and circulation of information into a system or program suited to the nature of the information that exists in it.

1- Types of information necessary for managers systems:

The management information systems can be classified in accordance with the administrative tasks that are related to administrative tasks to be addressed, which will take place between the head of the department and directors of departments belonging to him, and by the rating we have systems that recognize the system and administration and information can be defined as follows: -

- System defined broadly as: a set interconnected parts and these parts may be processes or components may be: a person, group, institute or anything.
- Management can be defined as: the art of doing business through others.
- Information is: data processed so that became a certain significance, and this data should be treated and that the mutation more or less so that it can be transformed into the so-called Information.

These systems can be classified into:

- Financial Information Systems:

One of the most important information systems in the IT department, and includes historical information on imports of labor and labor liabilities (balance sheet), and their own information and through the process of determining budgets Information Administration on planning and control of the profits available, and taken advantage of these systems in the socialist sector Add to invest contributor for the mixed sector facilities, and is no doubt that senior management and executives need these types of information, so these systems are often wide, so as to include all the information that you need different levels of management.

Marketing Management Information Systems:

Marketing is the sale and distribution of products facility. To perform these activities develop a comprehensive strategy director, through the identification and analysis of the marketing mix profitability, the development of these events mixing.

It uses the marketing manager of information systems used in the development of a comprehensive strategy for marketing multiple and non-specific. It depends on the director to get the various sources of information, such as economic studies, marketing, market research reports and technological development and specialist periodicals, suppliers and customers.

- Information systems in the Directorate of Operations:

Process Management includes all the administrative processes for the production of product or service marketed by the facility. In enterprises that produce goods it called this running production. And have a broader concept of Product Management Process Management, because it regulates the management of facilities that provide services operations. And planning processes require production or scheduling services, and the information needed is drawn from a large number of established records. Production scheduling information used in the development and implementation of the budget estimates and detailed plans to change the financial records and basic production and sources in the development of these plans. But in order to provide control over the production processes must develop a complementary information system provides the results of operations that were planned have already been implemented.

- Project Management Information Systems:

Sometimes the task is limited to the administration in accomplishing a specific goal or a specific task, such as building a new plant or a new production of a commodity, that the end project management of its business plan to achieve the end.Because of the specificity of this kind of work necessary for those already mentioned for the first facilities to accomplish a specific project information systems are different, the system includes a project budget and records about their activities and the cost of those events.

- Organize the senior management Information:

The use of mathematical and statistical methods in the analysis of information makes decision-making process more development for the administration. And it called the methods used in the quantitative analysis of information research operations. The use of these methods in the analysis of information on the decisions have certain properties in the public and operational planning decisions. In some cases some of these factors are unknown or uncertain, for example, the storage and the cost of production and demand for the product can be identified for the department stores for the most part. Sometimes there are factors, such as the various sales.

In some cases, the fundamentals are totally unknown, such as the inability of the Director to determine customer demand for new or specific plan implemented by the company. The information systems used in these cases are considered systems to support management decisions. The system uses a sophisticated models working on the process of assessing surrogate manager available, also it uses mathematical symbols and transactions.

2- The concept of Management Information System:

Understand the meaning of management information system, it should be on the responsible manager looking at the facility as a group of secondary systems or a series of secondary systems, each of which have its own integrated system in its inputs, processes and outputs, for example, production enters the raw material (input) and puts them to produce item ready for sale (output).

And it supports all secondary system on the first secondary systems. The outputs of one of those systems are required input for a secondary system of another. Each secondary system offers a set of information from the other outputs. And have a range of information with other outputs.

And be flowing information is a set of important secondary systems for decision-making positions in the work, if the group flowing information within the same areas or fields, and within the same time dimension within the uncertain seen as an information network suited called (Information Systems).

Dealing with information in accordance with the software:

For information on available treatment based calculator player select programs that will be followed during the processing of information, either feeding calculator desired program or retrieve Calculator program from memory if it has been previously saved. The operator also feed the calculator with the necessary information, and the central control unit by following the steps of the program, the search for the necessary information from the memory of the calculator, processed and saved again in the part of the memory.

Programs include the nature and order of operations that will be. In other words, the function control unit is the run-up calculations, as you transfer information from the input to the output devices after treatment. The internal memory shall be partial, information store permanent part here and reservation programs, and part information

stored temporarily. Where they kept the results of operations that took place until the appropriate time to convert them to output devices. That's one of the most important features of the electronic calculator is its ability to store information. They are able to save a large volume of records information constantly growing.

3- Benefits of Management Information Systems:

When we talk about the benefits of the information system we mean the actual need of the organization to him. And many administrators agree the book that the organization needs to Management Information System, to enable the effectiveness of the many sub-goals for all administrative units within the coordination of, and carrying out planning and control effectively. It could be argued that the need to list the information system as long as the organization intend to stay alive, efficient in directing and organizing and balancing all of its activities, to get to the results that I found for it, especially if we compare the survival of the organization in a changing and evolving work environment. It can be useful management information systems to provide the information you need in the different departments in the organization for the exercise of administrative processes. In another term in the light of this information can practice planning, organizing, directing and controlling the performance efficiently and effectively.

In addition to identifying and clarifying the channels of communication horizontally and vertically between the administrative units in action, and to facilitate information retrieval and evaluation of an organization's activities and paybacks investment for all energies available through indicators or standards secreted by the system for the purposes of measuring the efficiency of the performance and evaluation of results, and take more effective decisions, and make it easier for the organization estimate the needs of the future and makes it ready for the prospects of the expected change in the work environment, so that the department could determine in advance the necessary measures for any possible change.

Decision Support Systems (DSS):

Is an interactive information provides managers with information and data models and tools that will help them in making the semi-structural and non-structural decision-treatment systems, in those circumstances, that one does not know exactly what decision to be made.

Traditional DSS contain the entrance to solve problems directly and using models and methods of analysis and formulation and evaluation of alternatives to decision-making reaction. This was in the seventies of the last century where the systems did not respond to Transaction processing Systems TPS and Management Information Systems MIS pleasing to the managers in this regard.

DSS has been designed to solve problems in a partial semi-structural and unstructured, to assist managers in separate places and parts of the problem to be able to use their experience and judgment in its resolution. Through basic components, namely, (data, models, and knowledge and meet user management systems. Used many of the Decision Support creations authentic effective interaction in the use of tabular data, databases and other tools systems, it's also the other side contained the decisions that are consistent with the position applications or case with a high degree as well as the use of the fitness models in dealing with business conditions. Hence become decision support systems play a broad role in making the semi-structural and non-structural decisions through defined procedures and different formats. But hope remains pinned on how and when to use usability efficiently.

Information systems in the age of globalization:

Globalization has spread and everything is changing in the world of globalization and the information revolution thinking in terms of markets on a global level rather than the local level, as the world has become a single market without borders, and we must various organizations adapt to these global changes. Role that the UN plays in international strategies have increased, as the international expansion of the business making the companies are able to determine the physical location of each activity in the value chain, where companies take substantive decisions in determining the location of each activity to enhance performance and reduce cost and risk.

Business direction has beenmoved the of global forms of organizations, but the success of that regulation requires information systems and standardization in business processes where the information can be used by the various business units in several diameters. But managers in the global context, working in a volatile environment is familiar and complex cannot be ignored compared to the local context, where an entity dealing with multiple nationalities and cultures affect the deployment and the flow of information between corporate sponsor and followers in the multinational enterprise.

Hence the need for a rapid change in strategy was the inevitable result of a private facility for the emergence of mega-mergers that led to the emergence of giant entities in order to deal with many different cultures and environments and search for the appropriate information systems. It is imperative for organizations to work on strategy development, taking into account the development of the information system and not to ignore the need to deploy this system to the business units and partners breakers.

It helps networks to promote the implementation of the strategic alliance between local and foreign companies because of the ease of electronic data exchange across the vast and global networks, and operating networks to connect branches and subsidiaries because of the cost and increase drop in acceleration performance, as the database is working to provide the necessary reports to senior management on the company's activities Geography should be in this area noted that the task of developing a management information system does not stop at the design, testing and implementation of the final, but also important to make such a system live and interact with the organization and meet the evolving needs of information and is characterized by a high degree of flexibility that make many variables facing the inside and outside the organization, as well as Unending management information system project completion of the design and implementation Day. But perpetuating and review process between now and then to make the changes it remains.

With the development of the world and entered the second millennium a major revolution occurred in the development of new methods and innovative concepts for planning, monitoring and evaluation of performance and the inevitable result of this development emerged in the form of a huge volcano of audit information that comes out as a result of man and the experience and expertise of thinking, and has become a balance of humanity information is growing, threatening that it could not control and a payment by the prosecution. In a bid to cope with this huge flood of information loaded in the documents of various forms require devising suitable to accommodate the contained information through the introduction of information systems at the computer sophisticated types of modern techniques and methods developed that can correspond to the problem with a view to transforming the Save method and processing flow of information to the system of systems (programs) that fits the nature of the information and the workplace in which they exist.

RESULTS AND DISCUSSION

Researcher has dealt with in research this management information and its importance system in the planning and decision-making, and through the study that researcher have made in this research got some conclusions which are summarized in: that in order to save administrative information and the face of the vast amount of information must be saved in a variety of systems, different management information systems depending on the nature of the work of the organization or entity. And that the function of the regulations involving the required system design and supervision of programmers. Each secondary system also depends on other secondary systems.

The information systems are considered systems to support management decisions and these systems can be classified according to administrative tasks to which they relate. As we conclude that the management information provides all the information needed by the various departments to exercise administrative process and facilitate statistical measure results and identify its causes systems.

RECOMMENDATIONS

- For keeping administrative information and facing a massive amount of information had to be saved in a variety of systems.
- The administrative information systems must be classified in accordance with the administrative tasks to which they relate all the information needed by the various departments to exercise administrative process must be accurate.
- Recording the possibility to measure the results and find out its causes.
- For the purpose of overcoming the mistakes and problems in the process of information gathering and collation and analysis should encourage researchers to expand their research in this field and keep abreast of scientific development.
- Development work networking systems to suit the updated information as of scientific development and the motorcade it.

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