

Use of Information Systems in Company Organizations

Nurbaeti^{1*}, Jelita Ayu Melani²

^{1,2} Universitas Insan Pembangunan Indonesia, Indonesia

*Corresponding author e-mail: nunbe120@gmail.com

Abstract - The purpose of this study is to determine the use of information systems in an organization, which is widely used by a company. In this study, a descriptive qualitative method was used by reviewing scientific articles taken from Google Scholar by taking notes. From the results of this study, it is known that with an information system, the movement of information owned by a company can be handled and can be arranged systematically so that there is no chaos. The information system is a means of transforming company data which is closely related to the efficiency of the company in its operational activities. Along with the development of technology, the application of information technology in the organization of a company is an important factor to increase the value and competitiveness of the company. So far, there are still many companies that have not implemented information systems as expected because there are no standards for monitoring the use of information technology within the company. While the information system is an important part of managing and carrying out all activities in meeting the company's needs to handle various kinds of problems such as transaction processing and report generation

Keywords: Use of systems, information, enterprise organization, management information systems

Introduction

Management information system (MIS) is one of the five main subsystems of the Computer Based Information System (CBIS) or what in Indonesian is also called the Computer-Based Information System is a system for processing data into quality information and used as a decision-making tool. The goal is to meet the general information needs of all managers in the company or the organizational subunits of the company. Subunits can be based on functional areas or management levels. SIM provides information to users in the form of reports and outputs of various mathematical model simulations. Reports and model outputs can be provided in tabular or graphical form. Behavioral influences are always important for information system performance but are especially important for organizational information systems such as MIS. Managers and information specialists can create programs designed to turn the negative effects of behavioral influences into positive outcomes. MIS reflects an attitude of executives who want computers available to all company troubleshooters. When the SIM is in place and functioning as intended, it can help managers and other users inside and outside the company identify and understand problems.

Method

The method used in this study is a descriptive qualitative method, namely listening, understanding, and collecting data by listening to the material from the module and then reading with observations, the next technique is collecting data by conducting a literature study from various articles so that it can be analyzed according to data classification which serves to group data to fit what has been designed.

Results and Discussion

An information system is a system within an organization that meets the needs of daily transaction processing, supports operations, is managerial and strategic activities of an organization, and provides certain outside parties with the necessary reports. Management information systems can be used to support activities in business functions. Business functions, including the areas of accounting,

production, marketing, finance, and human resources. business operations, Information systems also provide management support in the day-to-day operations of business activities. When rapid response or response becomes important, the ability of information systems to be able to collect and integrate information into various business functions becomes critical. Several factors make MIS increasingly necessary, including that managers have to deal with an increasingly complex business environment. One of the reasons for this complexity is that it is increasing with the advent of government regulations. The business environment is not only complex but also dynamic. Therefore managers must make decisions quickly, especially with the emergence of management problems and the emergence of adequate solutions. So the information system will also help managers make better decisions, more precise, and more meaningful. Because every company will not be separated from the name of the problem, especially in the management of management. Problem-solving is an important activity that must be carried out by a manager.

Of course, running a SIM requires various processes, this is the SIM process and its activities include:

- 1) Planning, Is a formulation of the method of activities in detail, to achieve the ultimate goal or target of an organization. So planning is a detailed step to achieve an organizational goal.
- 2) Control, If the plan has been made and implemented or implemented by members of an organization, then the manager must supervise the implementation of the plan so that it can run well and not deviate from the path that has been set.
- 3) Decision-making is the selection of decisions among various alternatives, this process is the result of planning and control. So managers have to choose between the various. existing decisions so that the goals of the company or organization can be achieved.

In the management information system has the characteristics of the information created. The characteristics of Management Information Systems include:

1. Increase effectiveness and efficiency by reducing costs.
2. Operations on structured tasks such as planning, monitoring, and decision-making procedures.
3. Produce output, for example in the form of reports that are useful for management for making a decision (decisions taken as a result of consideration and analysis of reports). SIM Functions or Benefits In General, it can be concluded from the explanation above that several

SIM functions/benefits include:

1. To facilitate management in planning, monitoring, and decision-making.
2. To increase efficiency in accessing data or information so that it is faster and more accurate.
3. 3. To improve the quality of human resources and other resources that can support the organization or company.

The use of the right information system can make an organization within a company able to evaluate its human resources, especially regarding work placement and work capacity. A good company can place its employees by the fields they have and make their employees work according to their capacity, not the capacity that the company wants. Employees who work according to their fields and capacities will be able to produce higher work productivity. With high work productivity, of course, the production speed of a company will also automatically increase. Not only that, but the use of the right information system can also reduce company expenses, and can also increase company revenues.

One of the benefits of using information systems is to make the company's workflow more effective. The essence of real business lies not in numbers, but in speed. Being able to produce a lot of products, but over a long period is certainly not an achievement to be proud of. Many companies are not able to reach the highest level of speed in production not because they have not used information systems, but because they have not used the right information systems. The right information system can provide a complete report on the company's productivity along with its workflows. Also able to provide accurate data, even during the process of working on a product though. This of course makes the workmanship of a product easily monitored so that it can minimize product defects when it is finished being produced. Regarding knowing product defects when working, it is certainly much better than knowing only product defects after the production process is complete.

Conclusion

Information systems are needed in the organization of a company. One that can be seen is the existence of a management information system that helps companies in making decisions. This system performs problem tracking by designing alternatives and assists in selecting actions and testing their feasibility. The development of this technology can replace the human position to work. Therefore, someone who works in managing information systems must continue to learn to have a good understanding of technology that helps organizations a lot in carrying out their activities. Provide more accurate information so that companies can estimate and target the target market to be precise in their planning. Providing innovative and creative value in creating new products and of course will foster consumer interest in buying the latest products produced by the company. Information systems allow companies to compete with companies from outside even though the development of a company's system that is already very good and up to date.

Reference

- Sudjiman, P. E., & Sudjiman, L. S. (2018). Analysis of computer-based management information systems in the decision-making process. *IKEA*, 8(2), 55-66.
- Putri, P. A. Y., & Endiana, I. D. M. (2020). The effect of accounting information systems and internal control systems on company performance (a case study on cooperatives in Payangan sub-district). *KRISHNA: Collection of Accounting Research*, 11(2), 179-189.
- Daud, R. (2014). Development of computer-based sales and cash receipt accounting information systems in small companies (case study at PT. Trust Technology). *Sriwijaya Journal of Management and Business*, 12(1), 17-28.
- Naibaho, R. S. (2017). The Role And Planning Of Information Technology In The Company. *Warta Dharmawangsa*, (52).
- Hermansyah, R., & Asbari, M. (2022). Edifying In The Industrial Revolution 4.0 With The Role Of Islamic Education. *Journal of Information Systems and Management (JISMA)*, 1(5), 7-11.
- Novitasari, D. (2022). Hospital Quality Service and Patient Satisfaction: How The Role of Service Excellent and Service Quality?. *Journal of Information Systems and Management (JISMA)*, 1(1), 29-36.
- Jasin, M. (2022). How The Role of online and viral marketing and competitiveness ability on business performance of SMEs. *Journal of Information Systems and Management (JISMA)*, 1(2), 28-35.



JOURNAL OF INFORMATION SYSTEMS AND MANAGEMENT

Vol. 02 No. 01 February 2023

<https://jisma.org>

e-ISSN: 2829-6591

Novitasari, D. (2022). SMEs E-commerce Buying Intention: How the Effect of Perceived Value, Service Quality, Online Customer Review, Digital Marketing, and Influencer Marketing. *Journal of Information Systems and Management (JISMA)*, 1(5), 61-69.

Jasin, M. (2022). The Role of Social Media Marketing and Electronic Word of Mouth on Brand Image and Purchase Intention of SMEs Product. *Journal of Information Systems and Management (JISMA)*, 1(4), 54-62.

20-Article Text-157-1-10-20210327.pdf

https://webcache.googleusercontent.com/search?q=cache:CxySrC_LNcMJ:https://core.ac.uk/download/pdf/322460053.pdf&cd=16&hl=en&ct=clnk&gl=en

file:///C:/Users/USER/Downloads/SISTEM%20INFORMASI.pdf

<https://dosenit.com/lecturing-it/system-information/function-system-information>

file:///C:/Users/USER/Downloads/ARTIKE%20UNIKOM.pdf