

**Higher Education Management Information System
(Study at State Islamic Institute Curup Indonesia)**

Sumarto
State Islamic Institute Curup Indonesia
sumarto.manajemeno@gmail.com

Emmi Kholilah Harahap
State Islamic Institute Curup Indonesia
emmiharahap57@gmail.com

Corresponding e-mail: sumarto.manajemeno@gmail.com

Abstract

Management information systems are needed by every educational institution, especially higher education. This paper uses a research methodology with a descriptive qualitative approach, data collection techniques with interviews, observations and documentation. Data validity by data triangulation. The result of this paper is that the education and teaching process at the Curup State Islamic Institute can take place well if there is an information system, starting when the new student admissions process, filling out study plan cards for one semester, until later when students have completed their studies, everything must be recorded. well in the information system built by universities, such as in the author's college, the information system has been well built. Like the academic portal for lecturers and students, we can do attendance online, upload learning materials that will be taught to students, then students can read the material anywhere and anytime so that it is more effective and efficient, as lecturers we can also monitor the progress of the classes we teach properly, from the first meeting to the last meeting. Likewise, research activities and publications by lecturers and students are well recorded through the Online Journal System, IAIN Curup Repository and the Open Book System managed by the Scientific Publication Center. Until community service activities.

Keywords: Management Information System, Higher Education

INTRODUCTION

A management information system or in other terms a Management Information System is certainly familiar to the ears. Management itself is a process used to organize and manage something in order to achieve the desired goals by utilizing all available resources. With the development of technology, the management has now been integrated systematically and automatically using computer programs and devices. In contrast to ordinary information systems, a management information system provides an analysis of other information systems more automatically. (Sumarto, 2021)

Management information system (MIS) is a group or set of processes where data can be processed, analyzed, and displayed so that the data becomes useful for the needs of making a decision. This system is a very useful tool to support and control the company's operations. The main purpose of this system is to collect and organize all data from various levels of the company, summarize, then facilitate and improve the quality of decision making to increase the productivity and profitability of a company.

The meaning of the word "system" is defined by various approaches and various terms. According to Lucas (1992), the system is an organization that interacts, depends on each other and is

integrated into a single variable or component. Jogiyanto (1999) in Lantip Diat Prasajo defines the system into two groups of approaches, namely emphasizing procedures and components or elements (Prasajo, 2013:1). McLeod, Jr., (1995: 13-14) states that in principle the system can be grouped into two, namely open systems and closed systems. An open system is a system that is connected to its environment through the flow of resources (Prasajo, 2013:1).

Information is the result of processing data in a certain way so that it is more meaningful and useful for the recipient. According to Sutabri, information is the processing of interpreted and classified data that is used in the decision-making process (Prehanto, 2020:12). Management can be interpreted as an art about efforts to utilize all available resources to achieve goals effectively and efficiently. (Maryono, 2015: 1) According to Masie and Dauglas management is a process when groups of people work together to direct others to work towards the same goal (Hafni , 2020 :15). Management functions include planning, organizing, implementing and evaluating.

A systems approach that emphasizes more on procedures defines the system as a network of procedures that are interconnected, group and work together to carry out activities to achieve certain goals. The meaning of the procedure itself is the exact sequence of stages of instructions that explain what (what) must be done, who (who) does it, when (when) is done and how (how) does it. An approach that emphasizes components defines a "system" as a collection of elements that interact to achieve a particular goal. (Lantip Diat Prasajo: 2013).

According to O'Brien, a management information system is a group of interrelated components that work together to achieve a common goal by receiving input and producing output in an orderly transformation. According to McLeod, a management information system is defined as a computer-brained system that provides information to multiple users with the same needs. This service provides information about what has been, is, and what is likely to happen in the future. The available information in the form of periodic reports, special reports or from the output data of the mathematical simulation can later be used by company managers for the analysis and problem solving process as well as policy making.

It can be concluded from the above understanding that in general it can be interpreted that a management information system is a comprehensive and coordinated integrated information system in the form of digital data as information through a series of certain ways as a means of control and supervision to increase productivity according to targets based on predetermined quality criteria. The importance of the process of implementing computer-based education management information system management, it is necessary to know how the process and flow of information handling in schools is. Because when the information planning goes on when we start accepting new students, we have prepared applications for data input, to process data for compiling classes, a list of educators and later the evaluation system. It can be seen that the information process runs as follows :

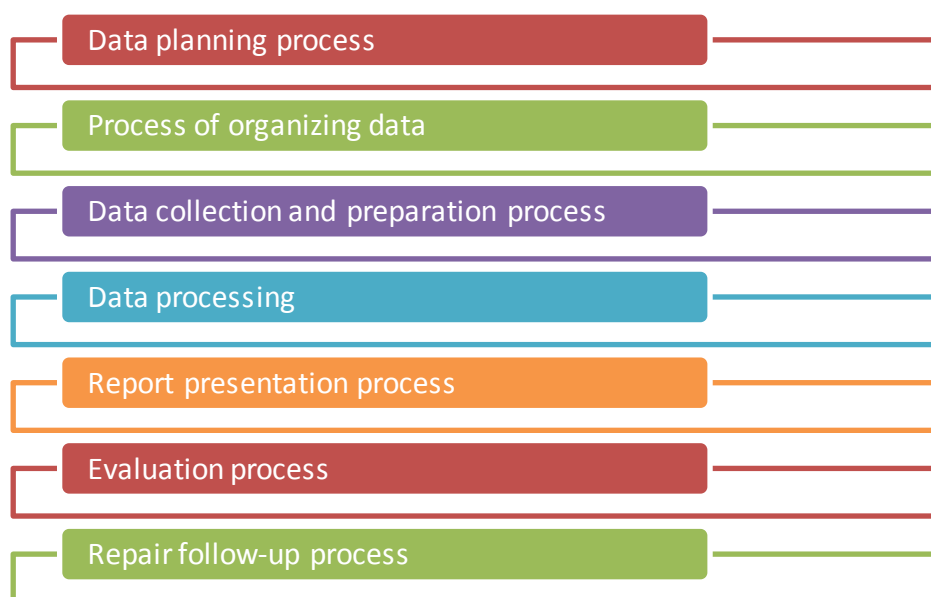


Image: Information Management

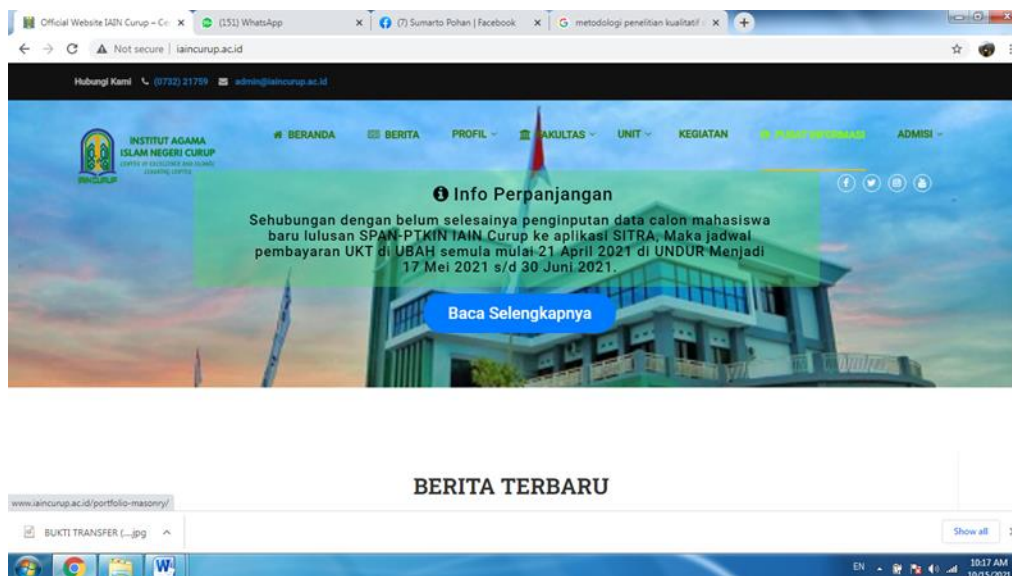
Every educational institution prioritizes information systems for the smooth running of every educational process, information becomes a strength and indicator of success. Of course, information is data that has been processed into a form that is meaningful to the recipient and is useful in making current or future decisions. Then the Management information system is a system designed to provide information to support decision-making to achieve goals effectively and efficiently.

RESEARCH METHODOLOGY

The research methodology used in this study is a descriptive qualitative approach. Data collection techniques with interviews, observation and documentation. Data validity by data triangulation. Qualitative research has a definition as presented by John W. Creswell understands it as an attempt to interpret the existing reality with a number of scientific interpretations. Furthermore, according to Bogdan and Taylor as quoted by Moleong, defines qualitative as a research procedure that produces descriptive data in the form of written or spoken words from people and observed behavior. This approach is directed at the background and the individual holistically.

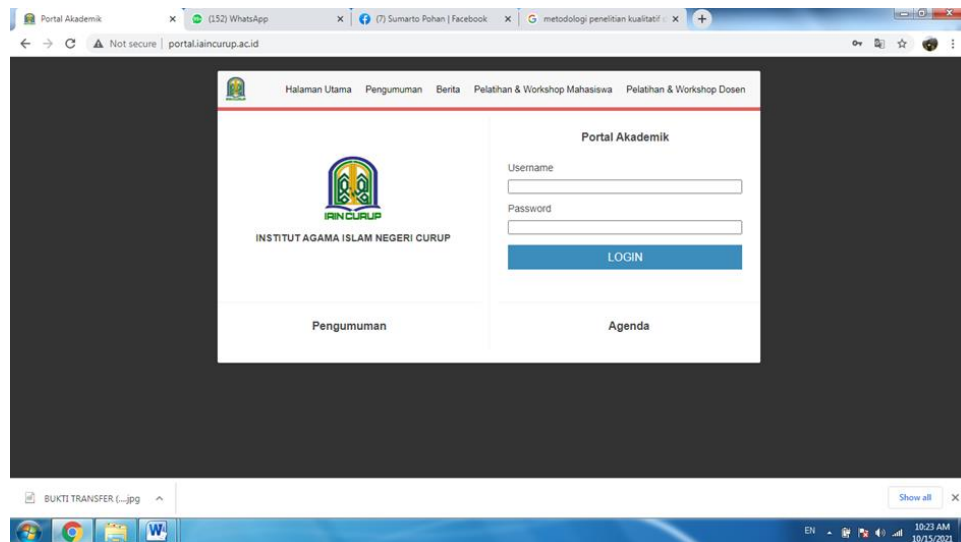
FINDINGS AND DISCUSSION

FINDINGS



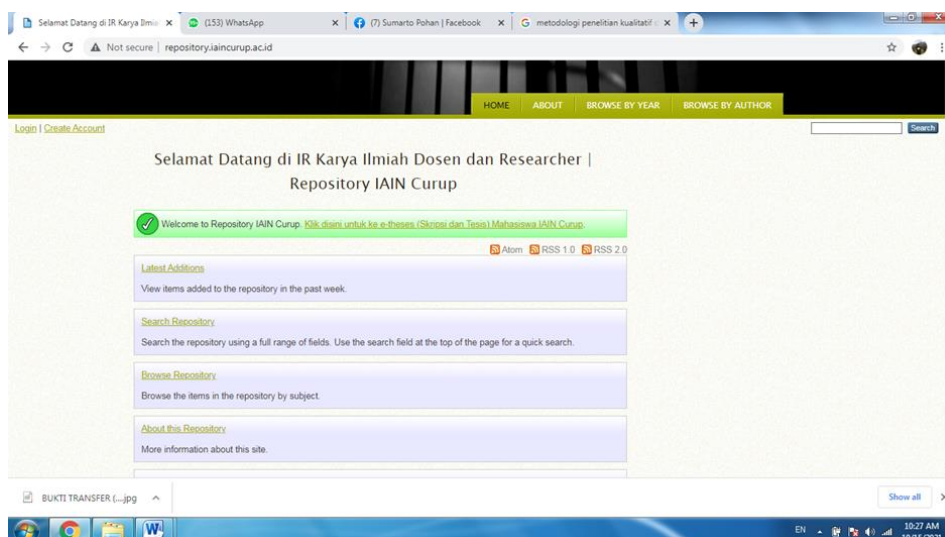
Website : <http://www.iaincurup.ac.id/> as a management information system of IAIN Curup with various menus containing all program activities and implementation of activities at IAIN Curup and activities outside IAIN Curup such as IAIN Curup collaboration activities with various institutions education, government agencies and community organizations. The IAIN Curup website is the main gateway when people want to know and learn about IAIN Curup so it is an important asset in the marketing field, IAIN Curup can be known and the number of new students is always increasing. On the website, there are also many menus including the menu for the development of activities in each faculty such as Tarbiyah, Ushuluddin and Dakwah, the Faculty of Sharia and the Postgraduate Program.

Management information systems, management has an important relationship, namely as a management information system application developed to serve the information needs of each unit at all levels of management activities, the information needed depends on the type of decision making that has different levels of management activities, on management activities, and where managers will carry out three kinds of processes in utilizing resources (human, material, capital and information), namely planning, controlling, and decision making.



IAIN Curup Academic Portal : <http://portal.iaincurup.ac.id/> through the IAIN Curup academic portal we can access anywhere and anytime about learning developments at each meeting, especially in the face of the covid -19 pandemic, this academic portal can be one of the a solution, because we can send learning materials that can always be accessed by every student with the account they already have. We can monitor the attendance of each of our students, in the academic portal there is also a menu to record scientific activities that we carry out such as seminars, training and other discussions. Likewise with the results of our research.

So the management information system in good management activities must be able to provide support to the planning process, control process, decision-making process. Management Information System support in the planning process is a plan which is a predetermined direction and is a combination of the goals to be achieved and the activities that need to be carried out to achieve the goals. An organization at each level has a different plan. The management information system developed is able to support each of these needs. The management information system developed must be able to support each of these needs. In addition, the planning process will require a planning model, data, input and model manipulation to produce an output in the form of a plan.



The Management Information System that manages the scientific writings of lecturers and students, be it books, journal articles, proceedings of conference activities, reports on scientific activities, sound recordings of scientific activities, can be found on the IAIN Curup repository website by clicking on the website; <http://repository.iaincurup.ac.id/> Every lecturer and student will be greatly helped by this learning management information system in making lecture assignments, finding the

latest reference sources and in accordance with the title or theme of papers, research proposals and other scientific activities.

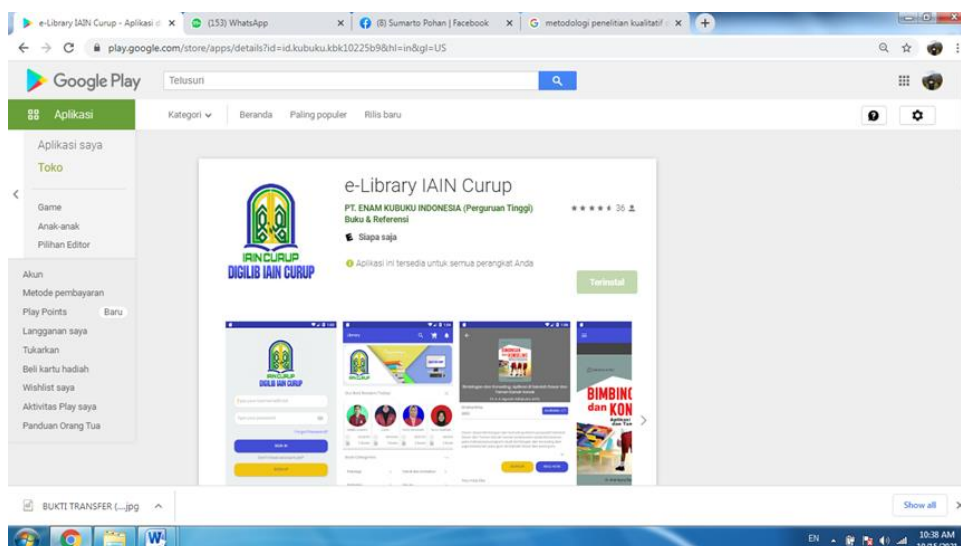
In carrying out their duties, the benefits of management information systems for organizations or companies are to assist in decision making. A management information system is an information system that performs all required transaction processing and provides information and processing support for management and decision-making functions. Decision making is one of the roles of managers where information systems can help in making decisions through their functions and duties. Decision-making activities are complex activities, based on the experience of many managers who are involved in solving day-to-day problems. Management uses information for two purposes, namely planning and monitoring. Planning occurs before the implementation of organizational activities. The goals set by the planning process cover all levels of the organization, but mostly occur at the strategic and tactical decision levels.



IAIN Curup as one of the State Islamic Religious Universities PTKIN under the Ministry of Religion of the Republic of Indonesia has the Best Journal Accreditation with several journals that have SINTA 2 and several others have SINTA 3, SINTA 4 and SINTA 5, this is due to a good journal management information system, well managed by the Head of the Center for Scientific Publications (Hardivizon, 2021). The IAIN Curup journal is a reference source for the academic community and the wider community because it can be accessed anywhere and anytime by anyone, thus making IAIN Curup more global with the online journal.

Planning relies a lot on forecasts and outside information. Control is a matter of comparing actual results with plans determined in the planning process. Management information systems provide information to support management decision making, the system consists of several types, namely: Report specifications and initial plans for managers are carried out by information reporting systems (information reporting systems).

Ad Hoc and interactive support for decision making by managers is done by decision support systems. Critical information for upper management is determined by executive information systems (executive information systems). Expert advice for operational or managerial decision making by expert systems and knowledge-based information systems. Direct and ongoing support for operational and managerial applications from end users is provided by end users computing systems. Operational and managerial applications to support business functions are defined by business function information systems. Products and services that compete to achieve strategic advantage are defined by strategic information systems. (Yulia Djahir, 2014: 29-30).



IAIN Curup has an e-Library that can be downloaded for its application on the Google Play Store, this makes it easier for every academic community to carry out a more effective and efficient learning process and is an important solution in responding to learning during the Covid-19 pandemic.

DISCUSSION

The progress achieved by IAIN Curup with maturity in management information systems in various aspects ranging from the process of the new student admission system, preparation of study plans, online learning activities, reference sources with the IAIN Curup repository and Online Journal System is very helpful in improving the quality of sources human resources who will experience the education process, research activities, scientific publications and community service, policies from the leadership are very important in building management information systems in universities.

The management information system has a goal, namely so that organizations have useful information in making management decisions, both those involving routine decisions and strategic decisions (Lukman Ahmad, 2018:16).

Thus the Management Information System is a system that provides organizational managers with data and information related to the activities of the tasks that exist in the organization. MIS has the main characteristics, namely: Operates on structured tasks, where procedures, decision making, information flow, report formats, etc., are defined. Aims to increase efficiency and reduce costs. Provide reports for decision making purposes. Facilitate access to information for management purposes (Lukman Ahmad, 2018: 17a).

The era of the Industrial Revolution 4.0 and the Era of Society 5.0 increasingly complex management challenges in managing international business, including: the growth of international information systems, managing global systems, technology issues, and emerging opportunities/opportunities and challenges, by always considering the strengths and weaknesses that exist, so that SIM provide usefulness, namely fast, precise, practical and rational decision making, efficient decision implementation, fast feedback and quick assessment (Tundung Subali Patma, Muhammad Maskan, 2016)

CONCLUSION AND SUGGESTION

Management information system as described above and implemented by IAIN Curup with a good management information system starting from education, research, scientific publications and community service activities. Processing any information that is very useful for the benefit of the organization as well as providing information support in decision making. Database Management System or Database Management System (DBMS) is also implemented by IAIN Curup which is a software system that allows users to define, maintain or provide controlled access to data. The

relationship between management information systems and management systems has a very important relationship as a management information system application developed to serve information needs. The progress of IAIN Curup can be seen from the maturity in managing its management information system.

REFERENCES

- Dokumentasi Kegiatan Penelitian di IAIN Curup Tahun 2021.
- Hafni, S. (2020). *Gagasan Manajemen*. Jakarta : Yayasan Kita Menulis.
- John W. Creswell, *Penelitian Kualitatif & Desain Riset (Memilih diantara Lima Pendekatan)*, (Yogyakarta: Pustaka Pelajar, 2015
- Lexy J. Moleong. *Metodologi Penelitian Kualitatif*, (Bandung: Rosda Karya, 2010
- Lukman Ahmad, M. (2018). *Sistem Informasi Manajemen : Buku Referensi*. Aceh : Lembaga Kita.
- Maryono. (2015). *Istilah-istilah Dalam Kebijakan dan Manajemen Kesehatan*. Jakarta : Qiara Media.
- Prasojo, L. D. (2013). *Informasi Manajemen Pendidikan*. Yogyakarta : UNY Press.
- Prehanto, D. R. (2020). *Buku Ajar Konsep Sistem Informasi*. Surabaya : Scopindo.
- Sumarto, *Sistem Informasi Manajemen*, Bengkulu: Penerbit Buku Literasiologi, 2021.
- Tundung Subali Patma, Muhammad Maskan, A. U. (2016). *Sistem Informasi Manajemen Guna Mendukung Keputusan*. Jakarta : Polinema.
- Yulia Djahir, D. P. (2014). *Bahan Ajar Sistem Informasi Manajemen*. Yogyakarta : Deepublish Publisher.