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The Urgency of Knowledge, Communication and Perception of Islamic Education Management Information Systems

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Abstract: This paper aims to provide an understanding of the urgency of knowledge, communication and perceptions of Islamic education management information systems. The method used in this paper is (Library Research). The research results show that in facing globalization, the world of Islamic education in Indonesia must immediately improve itself to improve the education management information system to support the competitiveness of human resources produced by educational institutions. The information system that will be created must be balanced between the available technological infrastructure and the capabilities of its human resources so that there is no great discrepancy, therefore knowledge, communication and perceptions of Islamic education management information systems are very important to face the challenges of the globalization era.

Keyword: Management Information System, Knowledge, Communication and Perception.

INTRODUCTION

After the current Covid-19 pandemic, the development of information technology has advanced and is growing rapidly in all areas of life, the need for information is very important for government, social and even educational institutions. Information is a primary need for humans. Without information it will be difficult for a manager to make decisions, either from internal information prepared by the company itself or from external information that can be obtained from other modern communication tools. Good management or management is absolutely necessary for the survival of the institution. Proper management of management information systems is one of the important things in maintaining and even developing an educational institution (Helmawati, 2015). The implementation of information and communication technology with its various components is a sign of change that can make work within the scope of the organization completed quickly and accurately, even effectively and efficiently (Kompri, 2017).

So it is fitting that the education sector is able to take advantage of information technology and then use it in information systems to manage various kinds of administration in education. The development of information technology today is also internet-based. This is done and focused on being able to get consumers by developing an internet network and also a wireless network system. The pattern of social communication at this time that has been used by many people has made their cell phones to be able to transact with many parties with internet access in it which has been used by various groups (Rochaety, 2017).

Information technology and the education system must also be balanced with increased human resources to utilize information technology in the educational process. Because human resources are the main component needed to produce a quality and efficient education management information system. In the world of education, educational activities cannot be separated from educational management information systems, because both are interrelated and require one another. The relationship between these two aspects can be illustrated that education is considered as a driving force for management information systems, while management information systems determine educational performance (Rochaety, 2005). you who believe, if the wicked come to you with news, then check carefully so that you do not inflict a calamity on a people without knowing the circumstances that cause you to regret what you have done.

In the verse above it is stated that information is very important to examine where it comes from and its truth so as not to make a wrong decision and harm yourself or other groups. From the various phenomena of the development of education management information systems and their use in the world of education today, we must also pay close attention to how the parties concerned should not lose control and foundation of educational organizations concerning the effectiveness and efficiency of an education management.

The use of information technology through information systems will not only improve the quality and speed of information produced for management (Djahir, 2014), but with appropriate information technology, it will be able to create a management information system that is able to improve integration in the fields of information, communication, especially education management. Islam. Based on this, the authors are interested in raising an article entitled "Urgency of Knowledge, Communication and Perception of the Islamic Education Management Information System."

Based on the background, the problems that will be discussed can be formulated in order to build hypotheses for further research, namely:

1. Does knowledge affect the Islamic Education management information system?
2. Does Communication affect the management information system of Islamic Education?
3. Does Perception affect the management information system of Islamic Education?

LITERATURE REVIEW

Management information System

According to Lucas, a system is an organization that interacts with each other, is interdependent and integrated in a unitary variable or component. Jogiyanto then defines the system into two groups of approaches, namely emphasizing procedures that define the system as a network of procedures that are interconnected, group or work together to carry out activities to achieve certain goals, then the second approach is emphasizing the components or elements that define the system. as a collection of elements that interact to achieve a certain goal (Prasojo, 2013).

Information is data that has been processed or processed so that it becomes a form that has meaning for recipients of information that has useful value. Information is something that results from data processing (Lukman and Munawir, 2018). Existing data is packaged and processed in such a way that it becomes useful information. According to Jogiyanto,

information is the result of data processing in a form that is more useful and more meaningful to the recipient, which describes real events that are used for decision making. So, it can be concluded that information is a data or object that is processed in advance in such a way that it can be properly structured and classified so that it has meaning for the recipient which then becomes knowledge for the recipient about a certain matter that helps make the right decision

Education management are two inseparable words. Educational management is the application of management functions in educational activities. The management functions are planning, organizing, supervising and directing (Mulyasa, 2006). To be able to produce quality output, the implementation of management principles is indispensable in managing education so that goals can be achieved effectively and efficiently. As influential management for education, information is also very valuable for management in decision making. Information will be obtained from information systems that are part of the organization related to the process of formation and flow of information.

According to Gordon B. Davis in his book entitled "Management Information System" suggests that a Management Information System is an integrated human or machine system for presenting information to support management operations and decision-making functions within an organization. (Lukman and Munawir, 2018). O'Brien then confirmed that the management information system is an information system that obtains output using input and various processes needed to fulfill certain objectives in management activities. (Rusdiana and Irfan, 2014).

Based on the above paradigms related to systems, information and management, it can be concluded that a management information system is a system that provides information used to support the operations, management and decision making of an organization. The management information system describes a special unit or agency whose job is to collect news and process it into information for organizational managerial needs using system principles, because news that is spread in various forms is collected, stored and processed and processed by one agency which is formulated into information. (Rusdiana and Irfan, 2014).

Knowledge

Knowledge is the result of finding out information seekers and this occurs after people sense a certain object. Knowledge or cognitive is a very important domain for the formation of one's actions (Notoatmodjo, 2003).

Some definitions of knowledge that can be identified are :

1. Knowledge Knowledge is defined as remembering a material that has been studied previously. Included in this knowledge is material that is learned/stimulus received.
2. Understanding Understanding is defined as an ability to explain correctly about known objects and be able to interpret the material correctly.
3. Application Application is defined as an ability to use material that has been studied in actual (real) situations or conditions. Application here can be interpreted as the use of laws, formulas, methods, principles, and so on in other contexts.
4. Analysis (Analysis) Analysis is an ability to describe material or an object into components, but still in relation to one another. This analytical ability can be seen from the use of verbs.
5. Synthesis Synthesis refers to an ability to explain or connect parts in a new whole form. Can also be interpreted as the ability to compile new formations from existing formations.
6. Evaluation (Evaluation) This evaluation relates to the ability to carry out research on an object. This research is based on a self-determined criterion, or using existing criteria.

Communication

Communication is one of the most fundamental activities in human life. Communication has a very big influence in human life. Drucker, an American management analyst considers that in developed countries, expenditures of its citizens apart from spending on clothing and food (food and clothing) are also spent on communication purposes (Cangara, 2012).

As a social human being of course communication is a normal thing to do. The purpose of communication is so that the information you want to convey is conveyed. Communication is an interaction that is carried out between one person and another. Basically communication is a statement between humans that contains thoughts and feelings by using language in which there is a message, the person delivering the message, and the person receiving the message (Effendi, 2009). More simply communication can be interpreted as the process of conveying messages carried out by the communicator to the communicant with specific aims and objectives. One form of communication is promotion, promotion is a very important factor in communication, let alone promotion directed at marketing. Therefore promotion is a very important and vital factor in communication.

Perception

Perception according to the Big Indonesian Dictionary is defined as "direct response (acceptance) of a person's process of knowing through his five senses (Team of the Big Indonesian Dictionary, 2003). Perception is defined as a process of observing a person's environment by using his senses so that he becomes aware of everything in his environment (Tanra, 2015). According to Bimo Walgito, perception is a process that is preceded by sensing, which is a tangible process of receiving a stimulus by an individual through his senses or also called a sensory process. However, the process does not stop there, but the stimulus is continued and then becomes a process of perception (Walgito, 2004).

Meanwhile, according to Sarlito W. Sarwono in Rohmaul Listyana and Yudi Hartono, perception is generally a process of obtaining, interpreting, selecting and organizing sensory information. Perception takes place when a person receives a stimulus from the outside world which is captured by his auxiliary organs which then enters the brain. Perception is a process of seeking information to be understood using sensing devices. (Listyana and Hartono, 2015)

Perception contains a process within to know and evaluate the extent to which we know other people. In this process a person's sensitivity to the surrounding environment begins to appear. The perspective will determine the impression resulting from the perceptual process. The interaction process cannot be separated from the point of view or perception of one individual towards another individual, giving rise to what is called public perception. Community perceptions will produce an assessment of one's attitudes, behavior and actions in social life. (Listyana and Hartono, 2015). Thus perception is a process of processing information received by the five senses from the environment and forwarded to the brain for selection, giving rise to an interpretation in the form of an assessment of the senses or previous experience.

Table 1: Relevant Prior Research

No	Author (year)	Previous Research Results	Similarities to this Article	Difference with this article
1.	Siti Hajar Loilatu, etal (2020)	Implementation of Education Management Information Systems in the Learning Process	Have similarities in the scope of the discussion, namely discussing information management, and education-orientes.	Previous articles discussed the application of Education Management Information Systems in the Learning Process, while this paper discusses the urgency of

				communication, perception and knowledge
2.	Anwar Darwis, etal (2017)	Implementation of Education Management Information Systems in the Learning Process	The equations in this discussion are about education management information systems and current technology	In the previous article, the focus was more on discussing management information systems in Islamic educational institutions, while this paper does not focus on just that, but more on communication and others.
3.	Laode etal (2017)	Application of Education Management Information Systems in the Learning Process at SMP Negeri 21 Makassar	They have similarities in taking the title, namely they both discuss education management information systems	The difference with previous research is in the use of research methodology that uses qualitative research, while this paper uses a literature review
4.	Nur Rahmi Sonia (2020)	Implementation of Education Management Information Systems (Simdik) in Improving the Quality of Education at Madrasah Aliyah Negeri 2 Ponorogo.	Have similarities in the discussion, namely, Both discuss Islamic Education management information systems	In the previous article, we discussed the quality of education and its management information system, while this paper does not discuss the quality of education at all
5.	Ghulam Buntoro, (2018)	Utilization of E Learning Quipper School by Teachers and Students to Optimize Learning at MAN 1 Ponorogo	This article has similarities in discussing management information application systems in Islamic religious education.	The difference with previous writings is that he discusses E-Learning and other learning tools, whereas in this paper the author does not discuss anything specifically about it.

METHODS

The method of writing this Literature Review article is the Qualitative Descriptive method and Library Research, sourced from the Google Scholar online application, Mendeley and other online academic applications. In qualitative research, literature review must be used consistently with methodological assumptions. This means that it must be used inductively so that it does not direct the questions posed by the researcher. One of the main reasons for conducting qualitative research is that the research is exploratory in nature, (Ali and Limakrisna, 2013).

This study uses library research methods (library research, namely; this type of qualitative research. In general, in every research discussion obtained in the literature and sources, and or the latest findings regarding the role of leadership in the organization of Islamic educational institutions. Second, analyze everything findings from various readings, relating to the shortcomings of each source, the strengths or relations of each about the discourse discussed in it. According to Kaelan, in library research sometimes has descriptive and also has historical characteristics.

For this reason, in library research, collecting books must be done in stages, because to get all the needs mentioned above, they can be produced through libraries, books, articles, or journals related to the discussion to be studied, using data from various sources. These references are collected by reading (text reading), reviewing, studying, and recording literature that is related to the issues discussed in this paper. Data collection techniques, in this case the author will identify discourse from books, papers, or articles, magazines, journals, the web (internet), or other information related to writing titles to look for things or variables in the form of notes, transcripts, books, newspapers, magazines and so on related

to the study of the role of leadership in the organization of Islamic educational institutions. Meanwhile, as a data analysis model, this study uses a descriptive analysis model.

RESULT AND DISCUSSION

Based on the problem formulation, relevant theoretical studies and previous research, the discussion of this literature review article is.

Purpose and Benefits of Management Information Systems in Education.

In facing globalization, the world of education in Indonesia must immediately improve itself in improving information systems to support the competitiveness of human resources produced by these educational institutions. The information system to be created must be balanced between the available technological infrastructure and the capabilities of its human resources so that there are no very large discrepancies, and information systems cannot materialize significantly in fundamentally supporting the quantity and quality of education. In addition, information systems are increasingly needed by educational institutions, especially in improving the smooth flow of information within educational institutions, quality control, and creating alliances or collaborations with other parties that can increase the value of these educational institutions.

The benefits of educational management information systems include :

1. In the student management system, management information systems are useful to make it easier for students to view information about student biodata, scholarships, disciplinary cases, achievements, and others.
2. In an academic management system, an education management information system is useful to make it easier for students, teachers and staff to see information about grades data, attendance data, academic achievement data and others.
3. In the teacher and staff management system, the education management information system is useful in making it easier for teachers and staff to view information about teacher biodata, educational history and others.
4. In the financial management system, the educational management information system is useful for facilitating access to education costs, additional costs and so on.
5. In a library management system, an education management information system is useful for making it easier to see information about book data (title, author, and description), borrower status, stock inventory and so on.

The purpose of establishing an education Management Information System is so that educational institutions have useful information in making management decisions (Sonia, 2022), both regarding routine decisions and strategic decisions. So that the education management information system provides organizational managers with data and information related to the implementation of tasks in education. The objective of management information systems in education is to design and implement procedures, processes, and routines that provide detailed reports in an accurate, consistent, and timely manner.

The following are the basic objectives of information system planning objectives in the field of education which are specifically designed to meet the needs of educational institutions that want computerized educational services to improve performance, quality of service, competitiveness and quality of human resources produced as follows :

1. Helping all parts that play a role in the world of education which provides thorough information about education from elementary to high school or equivalent.
2. Providing facilities so that all parts that play a role in the world of education in the province/district can play an active role in efforts to advance education.
3. Public accountability, namely by providing transparent information about policies and the use of resources allocated to the world of education.

4. Increase the knowledge of teachers and students about the world of informatics and the benefits that can be obtained through several trainings.
5. Providing easy and complete access to information for educators and students regarding science and other educational information.

From some of the basic objectives of the management information system, it can be seen that a manager or other must have access to the information system so that they can identify a problem, solve problems and evaluate the performance that has been carried out (Buntoro, 2018). The education management information system is used by its users as a decision-making tool by other parties who are members of the inter-organizational information system so that educational organizations can interact with education internal parties which include students, teachers/staff, and the National Education Office as well as external education parties which include the general public.

The Importance of Knowledge, Communication and Perception in Islamic Education Management Information Systems

Information and communication technology is a necessity to facilitate the implementation of education while improving the quality of education. Information and communication technology in question is in the form of a system that uses information and communication technology tools that enable all stakeholders to carry out their respective roles easily and quickly which is generally called a management information system.

Management information systems in the world of education, especially in the field of Islamic education is a necessity. This is based on the fact that today's society needs and demands quality education services. One of the solutions that can be provided is the availability of technological instruments and infrastructure that enable education to be carried out properly and with quality in the form of an Islamic education management information system. However, before further implementing management information systems in Islamic education institutions, it is necessary to learn from the experiences of other developed and developing countries, in an effort to implement educational management information systems in their respective places.

Daniel Bell identifies five trends in the state of the world in the era of globalization. First, the tendency of economic integration which causes free competition. Second, the tendency of political fragmentation which causes an increase in demands and expectations from society. They increasingly need treatment that is fair, democratic, egalitarian, transparent, accountable, fast, precise and professional. They want to be served well and satisfactorily. Third, the tendency to use high technology, especially information and communication technology. The presence of information and communication technology has led to demands from the public for services that are faster, transparent, not limited by time and place. Fourth, the tendency of interdependence (interdependence), which is a situation in which a person, group and even a country cannot live alone without being in contact with other parties. Fifth, the tendency for the emergence of new colonization in culture (new colonization in culture).

Educational institutions have a variety of information that must be managed. Then a management information system must be involved to assist the efficiency and effectiveness of educational activities and services. The objectives of having an education management information system include improving the smooth flow of information, quality control, and cooperation with other parties. Application From the various definitions above, an education management information system can be defined as a system designed to provide information to support decision making in educational institutions. The design or creation of an education management information system stems from problems that arise from educational

institutions, so that the importance of management information systems is for the development of Islamic education. (Hasanah, 2018)

In today's digital era, Islamic educational institutions are increasingly aware of the importance of quality education. This condition requires efforts to improve the quality of education in various aspects. One of the steps that can be taken is to apply a management information system to all educational activities in Islamic educational institutions.

This is where the urgency of Management Information Systems in Islamic educational institutions to be discussed. Management information systems have been widely used in educational institutions, including Islamic educational institutions, although they have not been evenly applied to all types and levels of education. The use of management information systems in Islamic educational institutions is not only an automation process for information access, but also creates accuracy, speed, and completeness of an integrated system, so that organizational processes will run efficiently, scalably and flexibly.

Many educational institutions have succeeded in developing information technology to support their educational management information systems. In fact, exploring the use of information technology in the learning process. Advances in information technology enable anyone to adopt various learning models that are more effective, efficient, have added value and are innovative.

Learning models that provide sufficient space for educators to seek new formulations to provide additional knowledge and skills for their students. The education management information system can work if all components in the educational institution can use and utilize the management information system application. One form of Management Information System application that can be applied to Islamic educational institutions is an integrated management information system called the Integrated School Information System (I-SIS). This system has integrated facilities which include a database of students, educators and education staff, guidance and counseling, barcode student cards, attendance (students, educators, employees), grades (tests, UTS, UAS, try outs), automatic report card, payment, SMS Gateway. In addition, I-SIS can also be connected to a scanner which will automatically send values to the system's database. So that this will make it easier for subject educators to manage, analyze, input, and store data related to their duties. For student absences, educators and employees can use fingerprints that are automatically reported to student guardians when students are absent or absent. The SMS Gateway application, often called SMS Smart School, allows student guardians to receive automatic reports from schools related to grades, student absences, disciplinary violations.

Through the implementation of a management information system, a formal educational institution has the desire to explain, define and apply an educational model based on expectations in accordance with the times (Loilatu, 2020). Management of education in this information age is made a priority for the continuity of education in other words educational institutions must have special characteristics to create results that are in accordance with the goals of educational institutions. Along with the times, education must establish a clear vision and mission to produce quality decisions and operate optimally. To realize this, educational institutions need to create a structure and management that is certain and in accordance with the vision and mission of educational institutions. Because in the principles of Islamic teachings everything should not be done carelessly but must be done in a neat, correct, orderly and orderly manner and processes must also be followed in an orderly manner.

Management which means managing everything that is done so that it is good and right is something that is recommended in Islam. Every educational organization, including Madrasah-based education, must have work activities in achieving the goals of an organization, namely management. To implement a management information system to

process data, namely, data collection with data collected in the form of student data and teacher data. Collecting student data is in the form of collecting statements or information about individuals who need to determine the type of data collected, with data collection tools. In processing data by following a series of certain steps so that data is converted into a more useful form of information using a computer device then input through the data manager (Wati, 2018)

One of the factors in creating a conducive and learning environment is an environment for viewing and hearing (audio-visual) which in this case can be created by utilizing information technology. So, it can be concluded that to facilitate students in learning, one of them is by using the media. The main component needed to produce an effective and quality education management information system is the availability of information technology that is used by human resources who are able to operate it. The internal and external environment is always developing and dynamic so that it creates opportunities or obstacles to growth for educational institutions. The reason is the decision made by the management. Educational management has the task of making decisions, but this task is an aspect of a crisis that demands managerial ability to integrate and develop as a relevant element into the overall situation of educational institutions (Ismail, 2017).

Conceptual Framework

Based on the formulation of the problem, theoretical studies, relevant previous research and discussion of the influence between variables, the framework for thinking about this article is processed as follows :

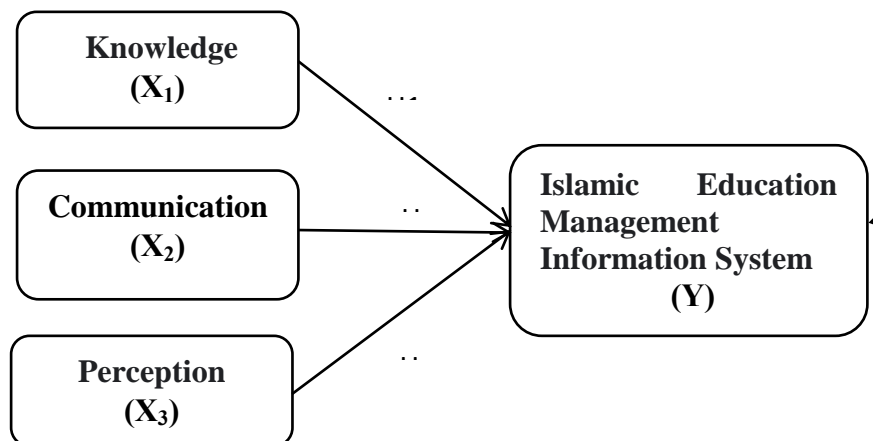


Figure 1: Conceptual Framework

Based on the conceptual framework picture above, then: Knowledge, communication and perceptions affect the Islamic education management information system. Apart from these three exogenous variables, there are many other variables that affect Islamic leadership, including the Islamic education management information system.

1. Governance: (Ansori & Ali, 2017), (No et al., 2017), (Agussalim et al., 2020), (Widodo et al., 2020), (Limakrisna et al., 2016) and (Anwar et al., 2020)
2. Communication: (Gupron, 2019); (Masydzulhak et al., 2016a); and (Neves & Eisenberger, 2012)
3. Commitment: (Limakrisna et al., 2016), (Harini et al., 2020), (Prayetno & Ali, 2017), (Riyanto, Yanti, et al., 2017) and (Masydzulhak et al., 2016b)
4. Creativity: (Desfiandi et al., 2017), (Yacob et al., 2020), (Richardo et al., 2020), (Christina Catur Widayati et al., 2020), (Prayetno & Ali, 2020) and (C.C. Widayati et al., 2020)
5. Leader Style: (PD Paramita, 2011), (M Rumondor et al, 2019) and (KP Utomo, 2017).

CONCLUSION

A management information system is a system that provides information used to support the operations, management and decision making of an organization. The management information system describes a special unit or agency whose job is to collect news and process it into information for organizational managerial needs using system principles, because news that is spread in various forms is collected, stored and processed and processed by one agency which is formulated into information.

Islamic educational institutions are increasingly aware of the importance of quality education. This condition requires efforts to improve the quality of education in various aspects. One of the steps that can be taken is to apply a management information system to all educational activities in Islamic educational institutions.

Management of education in this information age is made a priority for the continuity of education in other words educational institutions must have special characteristics to create results that are in accordance with the goals of educational institutions. Along with the times, education must establish a clear vision and mission to produce quality decisions and operate optimally.

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