

Development of Management Information System in Education in the Globalization Era

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ABSTRACT

This research aims to compare the development of educational information systems. As time goes by, educational information systems are the most important aspect in the world of education and are most needed because educational management information systems support the progress of formal and informal educational institutions. Meanwhile, this article is the result of a qualitative study, examining various sources related to the implementation of management information systems and of course various phenomena in the development of educational management information systems and their use in the world of education today and also in the environment.

Keywords: *Development, Management information systems, Education, Globalization*

INTRODUCTION

Knowledge knowledge develop from time to time. Development knowledge This support creation technology just marked it progress over time. Until moment this, technology has develop to digital phase. In Indonesia too, technology Already start used in all sector For make it easier work, incl education. As entity that related with culture and civilization human, education has experience change fundamental in the era of globalization in various parts of the world. Lots of progress knowledge available knowledge and technology for people man. On the other hand, progress is also taking place side by side with misery many people, especially in the era of globalization.

Globalization is series of integration processes global life through internationalization trade, economy, finance, education, commodities, culture and so on. Princeton N. Lyman explains that globalization be marked with very rapid growth and dependency as well as mutual relationship profitable between countries in the world matter trade, finance, social culture, education and so on. Globalization basically active is an emergent process from something impactful activities sustainable beyond state and national boundaries.

Management system information in the world of education especially Islamic Religious Education is something need. This matter based on reality that public moment This need and demand service quality education. One of possible solution given is availability facilities and infrastructure technology appropriate use for education can held with well and with system information management quality Islamic education. However, before step more Far with system information management in institutions education Islam, necessary studied experience of developing countries in try apply system the as information management education in their respective countries

METHOD

Research methods Approach research that used in study This is study qualitative. Type of research used in study This is study literature that is research conducted through data collection or writing existing science relationship with object study. Source of research data used in article This are primary data and secondary data. Primary data

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is data obtained direct from source the original, like books and journals related science and provide information direct For study. Secondary data is the data obtained researcher in a way No direct from object study. Secondary data consists from journal research and articles.

RESULTS AND DISCUSSION

Globalization interpreted as majesty life marked humans with rapid, rapid and global development. Current world audience has move into the global era. Like or No like, globalization force man For Can follow him, because globalization is current that does not Can changed. Globalization has bring a number of change in the world of education. (Darwis & Mahmud, 2017).

Like quoted Azzyumadri Azra (2012) after Surakhmadi (1999) that has happen shift paradigm in the world of education including :

1. Transition emphasized education values culture aristocracy feudal to emphasized education values culture life democracy ;
2. switch from priority education interest rulers and rulers to priority education interest citizenship ;
3. switch control education with emphasis on management power based public ;
4. transition education priority attitude unity in education respectful attitude diversity;
5. management education encouraging transition dependency society on management models priority education independence ; stay away demanding education subjugation society, make people aware public will importance rules and certainty law ;
6. Redirection methodology priority education preservation and adaptation values sacred already become outdated methodology leading edge teaching in development knowledge knowledge and utilization technology ;
7. Look away from perspective education which are more fulfillment oriented task to educational perspective about right basic human and improve awareness ;
8. Transition from orientation priority education maintenance and balance from perspective interest political become orientation maintenance priority education change, growth and progress ;
9. for switch from attitude conformist, attractive and punish in a way pedagogical become attitude parenting that encourages, stimulates and appreciates creativity and innovation ;
10. Transition from training closed to training closed push Work equality, openness, and flexibility ;
11. Transition from static, based curriculum school, traditional to curriculum dynamic, real and contextual. Government style through policy education ruler. Framework reference change caused by the globalization of the world of education described above show complexity change and change paradigm education. This matter must give impact positive for education national of this country so that we capable compete in the world of education and competition with education overseas.

Education is a process of change attitudes and behavior somebody or group like that appearance so that become mature through teaching and training. Education is business conscious and planned For realize atmosphere and learning process for participants educate can in a way active develop potency himself For reach spiritual power, religion, control self, personality, intelligence, morals noble, and skill that can it uses For himself yourself, for public. and needed student. a country a country I and a state.

System information management is system an internal planning organization, institution or company that provides internal controls, such as B. include use source power, documents, technology, accounting management as a business strategy. The goal is For gather information, processing it, storing it, analyzing it, and then spread it For objective specific system information management education is combination between source Power people and applications technology information For selecting,

storing, processing and calling return supporting information taking decision in education, and data is empirical data or real. True facts there is and can be explained. (Loilatu et al., 2020).

Form Implementation System Information Education Management

Role system information in the world of education very important, including :

1. Support processes and activities education System information can used For support school / campus operations and processes with different functions. Example a number of common data system used is :
 - a. E-learning for support learning
 - b. E-library supports the learning and search process teaching materials
 - c. SIAKAD (System Academic Information) for support activity academic
 - d. SIMS (System Information Management School) for support system management in schools.
 - e. Website that provides news about activity school / college and activities to public general.
2. Support retrieval process decision With help system information, in part information can collected with easy, so client / director can make a number of guidelines important.
3. Excellence strategy support compete With exists system information education, organization school / college can become more competitive, improving quality and service to society, as well compete with the global world.
4. Vulnerabilities that require attention Point weak as possible appear when use system information in the field education is a must too noticed from activity mentioned above :
 - a. Problem device loud (error installation, damage equipment, etc.) that influence system information school and annoying operational school.
 - b. Vulnerability in device software used, e.g. A loopholes (bugs) in the device software that allows outsiders For penetrate it.
 - c. Prone to to online use, because system information online schools can accessible to everyone. Information important can seen by outsiders and can used For objective criminal.
 - d. Force majeure (disaster nature, fire, blackout electricity and accidents others), which can cause No functioning equipment system information and loss of data.
 - e. Use computer outside networks and servers control school. Architecture application web- based consists from a web server and web client to each other communicate For access possible data happen internal data theft journey.
 - f. Malware (viruses, worms, trojans, keyloggers, etc.) can cause damage, stealing passwords and data. Hackers and crime in the computer world.

New Technology

New Technology which influence system information in the world of education including: Network Computers and Technology Internet Technology client-server computers for obtain necessary information can done with client computer whose information saved in a way centralized on the server. A number of technology storage, RAID technology can back up current data storage main fail.

Various technology device computer input and output hardware, for example barcode reader, attendance fingerprints, RFID technology used in libraries, and others. Computer and telecommunications integration, e.g. technology calling conference, chat, etc. Software Open Source Cloud Computing. (Nurohman, 1970).

Impact Application System Information Educational Management on Ethics and Social Affairs

According to Rochaety (2005), impact positive introduction technology information on the organization education is activity more organization efficient, because technology information can remove localization connection communication from two points interests and eliminate limitation time For activity international. Additionally, students or student can apply frequent online learning called online learning, so learning more

practical and results Study or quality learning more practical and results Study or learning The same good. like learning classic.

Can concluded that developing technology and information fast with system moment This has two effects, viz effect positive and effect negative, however regardless from effect that, has set various organization, esp organization education, positive to development This. informatics This is reflected from many school or the university that uses it technology information, and parties school Alone must devise a strategy for face all impact negative or possible problems arise from use technology information This. And one The method is combine technology information and sources Power man For prevent increase unemployment Additionally, speed presentation information leads to use technology information, which offers opportunity to teachers and school administrators For increase quality communication and leadership student. This matter possible student For feel more human in effort they For develop personality and knowledge they.

SIM usage in teaching is very necessary For management, and in management academic, reporting, management source Power humans, etc. Technology Information is also one of them weapon competitor. Can seen that technology information is one of method For increase activity operational institution education, even For choice public moment This institution education must own device technology correct information To use. (Lestari, 2018).

CONCLUSION

In the world of education, systems information management education help increase quality learning with develop system information management For follow changing times. In the era of globalization, system information education Keep going develop and develop. So in today's world This everyone can Study every moment through system information.

Impact application system information management education own a number of implications important, okay positive nor negative. Effect the positive is performance organization with availability necessary information, fast and accurate, work become more effective and efficient, meanwhile effect the negative is subtraction power work, because previous job carried out by people is replaced by information.. technology.

In practice, every steps and actions must customized with style life contemporary, fine in a way technical nor cultural, as We must uphold high morals and civilized ethics. And always use system information optimally.

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