Digital-Based Innovation in Islamic Education

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The current developments, with the arrival of the digital era or the era of industrial revolution 4.0, will definitely have positive and negative impacts in the world of education. Especially regarding learning, Islamic education also continues to experience continuous development and change. This research is library research and the nature of this research is descriptiveanalytical. This research uses a library research approach, namely the data collection method through library sources. The results of this research are that technological results that can be utilized in learning include radio, television, film, computers, cellphones, and so on. The use of technology in Islamic education learning design, for example internet-based learning through the use of e-learning, websites, email, mailing lists, web blogs, multimedia, audio visuals, Google classroom, video conferencing, and so on. The existence of this technology clearly plays a very important role in Islamic education.

1. Introduction

The development of information and communication technology has brought major changes in various areas of life, including in the world of education. A simple observation illustrates the dynamics of the behavior and tendencies of millennial generation enthusiasts when interacting with the internet world in relation to the world of education. They prefer visual-based information (through Youtube, online games) rather than through narratives and texts (reading printed books/teaching materials or hearing lecturers deliver material) (Yumarni, 2019).

The development of the times that have occurred today, with the arrival of the digital era or the era of the industrial revolution 4.0 there must be positive and negative impacts in the world of education. Especially related to learning, Islamic education also continues to experience continuous development and change. If in the past intimate conversations between students and teachers felt taboo, then today it is a natural thing. Even in the view of modern educational theory, it is a necessity. Such interaction is actually an indication of the success of the Education process (Noor, 2019).

The essence of education is the process of transferring values, knowledge and skills from the older generation to the younger generation so that the younger generation is able to live. Therefore, when mentioning Islamic education, it will include two things: educating students to behave in accordance with Islamic values or morals and educating students to learn Islamic teaching material in the form of knowledge about Islamic teachings (Choli, 2020).

There are several things that can be done for the improvement of the Islamic education system and the trend of the global future. First, Muslims must be able to utilize technological means as a tool of their struggle (jihad). That is, technological facilities need to be used as a tool of struggle for Muslims in improving the quality of education and not vice versa as a barrier to creativity in thinking and doing for change for progress. Second, Muslims must continuously improve the quality human resources of Science and Technology and Imtaq simultaneously, or self-improvement towards spiritual, moral, and intellectual strength. Third, the modernization process is something that entrusts the overhaul of the Islamic education system, starting from paradigms, framework concepts, and evaluations. Basically, all academicians of the Islamic education system must have a sense of development in a better direction so that existing educational institutions become laboratories of a harmonious future (Choli, 2020).

To realize these lofty ideals, education activists, especially those in the field of Islamic

education, are required to be able to maximize the positive potential contained in the digital world and minimize the negative aspects arising from the emergence of these media. Educators should be able to innovate learning design by utilizing the digital world. The appearance of this item that has dominated almost all dimensions of young people's lives is inevitable.

Keeping children out of contact with cyberspace is not the best option, but letting them rely too much on everything related to the world of digital information without control and direction is a high-risk decision. The best step is to use it for the development of their education by nurturing content strategies and digital-based learning models with a big vision to realize a generation of Muslims who reach the life of life (Alfinnas, 2018).

2. Method

This research is a literature research and the nature of this research is descriptive-analytical. This research uses a literature research approach, namely the method of collecting data through library sources such as books and journals as well as from the internet related to this research topic, then researchers read and record and process research materials. After the data is collected, it is then analyzed using content analysis techniques by comprehensively reviewing various library sources in accordance with the object of research.

3. Result and Discussion

1. Definition of Innovation

Innovation is an idea, item, event, method that is perceived or observed as something new for a person or group of people (society), whether it is the result of invention or discrimination. Innovation is held to achieve a certain goal or to solve a certain problem (Winarso, 2019; Yumarni, 2019, Syafaruddin et al., 2016).

Literally innovation / innovation comes from the word to innovate which means to make changes or introduce something new, innovation is sometimes interpreted as invention however, its meaning is different from invention in the sense of discovery or invention. Discovery means the discovery of something that actually exists before, for example the use of inquiry learning models in Natural Science subjects, to improve the quality of learning in Indonesia has recently been developed, actually the learning model has been implemented in other countries, or learning models through the internet network. While Invantion has the notion of a completely new invention that has not been created before. If you see that

innovation consists of 4 types, namely: invention, development, duplication, and synthesis (Mumtahanah & Suyuthi, 2020).

Law No. 19 of 2019 states that innovation is an activity in the form of research, development, and/or engineering carried out with the aim of developing the practical application of new scientific values and contexts, or new ways to apply existing science and technology to products or learning processes (Permatasari et al., 2021)

Innovation is also defined as a new change towards improvement or different from what existed before, done deliberately and planned. In the context of learning technology, innovation refers to the use of advanced technology, both software and hardware in the learning process. The application of this new technology aims to improve the quality, effectiveness and efficiency of learning. Methods and strategies are also an innovation in learning that is always developed by education actors (Nurdin, 2016; Umro, 2021). Innovation has several properties of change, namely (Marzuki &; Yusuf, 2019):

1) Substitution, innovation in changing the type of school, replacing the old form of furniture, equipment or examination system replaced with a new one.
2) Alternation, changing the duties of teachers who were only in charge of teaching, must also be tasked with being a guidance teacher. Changes that are part of the many components that can still be maintained in the old system.
3) Addition, innovation that is additional, there is no replacement or change. Even if something changes, then the change is only within the scope of components in the system that are still maintained.
4) 4. Restructuring. Efforts to rearrange various components that already exist in the system with the intention of being able to adapt to demands and needs.
5) Elimination. Efforts to change by eliminating certain aspects of education or reducing certain components in education or eliminating old patterns or ways.
6) Reinforcement. Improvement efforts to strengthen or strengthen capabilities or patterns and methods that previously felt weak.

2. Understanding and Objectives of Islamic Education

Islamic education in terms of terminology has two meanings. First, education about Islam, second education according to Islam. The first terminology views Islam more as a material subject in education, while the second terminology places Islam more as a perspective in Islamic Education. Muhammad Hamid An-Nashir and Qullah Abdul Qadir Darwis define Islamic education as the process of directing human development on the physical, intellectual,

linguistic, behavioral, and social religious aspects directed at goodness towards perfection. Meanwhile, Omar Muhammad At-Taumi Asy-Syaibani as quoted by M. Arifin, stated that Islamic education is an effort to change individual behavior in personal life or community life and life in the surrounding nature (Priatmoko, 2018).

Athiyah al-Abrasyi revealed that there are five basic objectives of Islamic Education. First, form a noble character. According to him, the formation of noble morals is the spirit of Islamic education. This is in line with the main purpose of the Prophet sent to this world, which is to perfect human morals. Second, provision for the life of the world and the hereafter. Islamic education is not only concerned with religious aspects, nor only on the world. Islamic education pays equal attention to both. Third, cultivate the scientific spirit and satisfy curiosity. Fourth, prepare students professionally, technically and corporately so that they can master certain professions, so that they can seek sustenance in life and live nobly. Fifth, preparation for sustenance and maintenance of aspects of expediency. As stated earlier, Islamic education does not only focus on moral formation, but also aims to provide provisions of world sciences to students. These provisions are in the form of specific skills that can be used by students to participate in competing in life (Priatmoko, 2018).

The objectives of Islamic education according to the Qur'an include: (1) explaining the position of learners as human beings among God's creatures and their responsibilities in this life, (2) explaining their relationship as social beings and their responsibilities in the order of social life, (3) explaining man's relationship with nature and his duty to know the wisdom of creation by prospering the universe, (4) explaining his relationship with Kholik as the creator of the universe (Hidayaturrahman, 2022).

3. Digital-Based Innovation in Islamic Education

The emergence of digital technology on a large scale is able to open new views to develop educational opportunities, equal access to education for anyone without discrimination. A digital world that can be operated anywhere as long as there is an internet network and adequate hardware opens up opportunities to develop education virtually that may not have been previously imagined. With the advent of this tool, education can be distributed evenly without its unlimited use of space and time. Mobile technology is successfully designed as a tool that can change the human mindset. The way each individual thinks changes drastically and is difficult to control. With this tool, everyone can explore their thinking ability to develop their abilities as much as possible so that if the person concerned produces a synthesis of thoughts or products that can be distributed in cyberspace without any obstacles. This device introduces an uncontrolled educational culture and enables new educational services that do

not yet exist. This tool has the potential to provide convenience that is more effective, affordable and can reach locations that have not been touched by conventional education (Alfinnas, 2018).

The development of the digital world no longer just influences, even changes people's behavior and habits. The digitalization of life that is growing rapidly in the future is what the world of education must read so that it can equip our children with important skills to deal with them. Education today must equip children with life skills ten to twenty years from now. That is, the world of education must be able to predict and prepare what skills must be possessed by children to live in the future. At this point, education must be able to adapt to rapid developments in the field of information and communication technology by starting to build an education or learning system in the digital era (Choli, 2020). The digital-based innovations in Islamic education include:

a) Utilizing information technology in the world of education. Some types of information technology utilization in the field of education for example by creating digital modules or emodules for Islamic religious learning, android applications, audio visuals, digital games and with augmented reality.

b) Creating many podcasts which are new media to meet information needs in a disruptive era where podcasts are one of the media that has the characteristics of digital informations platforms, has become increasingly trending in the past few years, with a form of presentation that resembles radio, namely the presentation of information in the form of audio or sound without visuals. A new product in media in the disruptive era as a form of meeting information needs for a wide audience. And podcasts can be an alternative anti-hoax information media. The development of technology and information has been proven by the emergence of new media whose use is increasingly massive. One such new medium is podcasts, which are digital audio documents that are created and then uploaded online to be shared or distributed to the public.

c) c. The development of social media platforms has increased significantly in today's internet age. Social media content is very influential on information sources. The increasing use of Social Media (Medsos) in Indonesia is the reason Social Media is used as a tool in marketing products and content created by institutions / agencies. Social media can disseminate products/content and as the right media to market Islamic educational content to the wider community. Social media that is often used by the community includes Instagram, Tiktok, and Youtube and this can be a means to attract the younger generation who are accustomed to accessing social media and according to research that social media has a major influence on teenagers. This social media content

can be in the form of short Q&A on questions related to Islamic education, digital comics or short dramas (Hidayaturrahman, 2022).

Discussion

Various innovations that can be done by education in improving the quality of the learning process are as follows:

1. Educators act as demonstrators, namely educators are able to demonstrate material in the learning process.

2. Educators act as class managers, namely educators are able to control the classroom atmosphere during the learning process.

3. Educators as facilitators, namely educators are able to facilitate students in carrying out the learning process.

4. Educators as evaluators, namely educators evaluate the learning outcomes of students.

5. Educators apply multi-strategy, multi-method, multi-model, multi-technique, and multi-media in the learning process so that the learning process is not monotonous. In this case, educators should not only apply one type of strategy, method, model, technique, and learning media but must be able to apply more than one, each of which is adjusted to the subjects and competency achievements set (Rosyiddin et al., 2022).

Digital learning begins with the optimal use of digital technology in the learning process even though it has not been connected to one and the other. Digital-based learning began to develop with the use of electronic terms in learning, such as electronic books, electronic modules, electronic libraries, and others (Emalia &; Farida, 2019).

The results of technology that can be utilized in learning include radio, television, film, computers, cellphones, and so on (Nugroho, 2019). The use of technology in Islamic education learning design such as internet-based learning through the use of e-learning, websites, emails, mailing lists, web blogs, multimedia, audio visual, googl classroom, video conferencing, and so on. With the existence of this technology, it is clearly very instrumental in Islamic Education. But on the contrary, Islamic education also has a very large role in technological development. First, creed and morality become a strong foundation for the operation of technology aga directed at the right goal and maintained its misuse from negative things. Second, there is sharia law which is a benchmark for norms in the use of technology such as determining good, bad, halal values. haram, and so on (Rodiya et al., 2022).

4. Conclusion

The development of the digital world has more or less changed and influenced people's behavior and habits. The digitalization of life that is growing rapidly in the future must be a concern in the world of education so that children can be equipped with important skills to deal with it. For now, it must equip children with life skills for the next ten to twenty years. That is, the world of education must be able to predict and prepare what skills must be possessed by children to live in the future. Islamic education has an important role in utilizing today's digital world. The emergence of various social media can be used to spread Islam. In learning Islamic Education, digital can be used as a learning tool that can attract students to explore Islamic teachings. So that good morals are formed that are applied in everyday life.

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