



DIGITAL TRANSFORMATION OF MADRASAH ALIYAH MANAGEMENT TO REALIZE THE QUALITY OF MADRASAH ALIYAH SUNANULHUDA

Mohammad Rusli Hamdani¹, Muhammad Mukrim Faer Rifaie²,
Muhamad Sultan Al Rajan³, Ali Imron⁴, Badrudin⁵

^{1,2,3,4,5}Universitas Islam Negri Sunan Gunung Djati Bandung, West Java, Indonesia

Email:3240210022@student.uinsgd.ac.id¹, jendral589690@gmail.com²,
m.zultan26@gmail.com³, tafsirdigital@gmail.com⁴, dr.badrudin@uinsgd.ac.id⁵

Abstract:

Digitalization in this era has become a necessity. Where efficiency and sustainability have been popular lately. Today's institutions have undergone many transformations to achieve efficiency and quality in their management through digitalization. Including educational institutions which manage many things. Starting from institutional administration, educators, teaching staff, students, management of advice and infrastructure, etc. the method used is a qualitative data collection method using observation, interviews and documentation. The results obtained from this research have carried out digital transformation at MA Sunanulhuda, which includes 8 national education standards in order to realize quality madrasa education, including through the implementation of the Smart Digital Islamic Boarding School (PSD) application. Constraints and barriers to digital transformation at MA Sunanulhuda, financing, facilities and human resources educators who must match their competencies, be technologically literate, and be able to adapt to the learning process for the Gen Z generation.

Keywords: *Transformation, Digitalization, Management, Madrasah*

INTRODUCTION

Digitalization in this era has become a necessity. Where efficiency and sustainability have been popularly promoted lately. Today's institutions have undergone many transformations to achieve efficiency and quality in their management through digitalization. Including educational institutions which manage many things. Starting from institutional administration, educators, teaching staff, students, management of advice and infrastructure, etc. Because of this, effective and efficient management is needed. One of the supporting forces in terms of managerial educational institutions is transformation through digitalization. Educational institutions, including madrasas, must be willing to integrate with technology so that they can adapt to the needs of today's modern era. As stated by Salim, et al (2020) in Hasyim (2023), integration between education and technology today is an opportunity to face current developments. Apart from that, educational institutions are required to strive to develop the quality of education in the digital era through patterns of integrating education with the scope of technology.

In implementing digitalization in educational institutions, especially

madrasas, there are many obstacles and limitations. However, apart from that, it cannot be avoided that many madrasas in our country have carried out this transformation. Especially in superior madrasas. In managing madrasah management or what is better known as madrasah management, it is based on digitalization. Since the Covid-19 pandemic, there have been many impacts on digital-based management changes. This is because of the government's policy of reducing the spread of the virus with social distancing rules. On the basis of this policy, the management style of education, including madrasahs, which were previously conventional, were forced to be online-based. As stated by Hasyim (2023), Covid-19 in Indonesia has changed the paradigm of society from conventional to one based on technology or educational technology.

Armed with this, digitalization in madrasa management is very necessary. This is very interesting, so in this case we will try to study the topic of digitizing madrasa management. See how digital-based management transformation can improve the efficiency and quality of madrasas. And what opportunities and challenges they have to face.

RESEARCH METHODS

The study carried out in writing this article used a qualitative case study method. A case study is research in which the researcher explores a particular phenomenon (case) at a certain time and activity (program, event, process, institution or social group) and collects detailed and in-depth information using various data collection procedures such as observation, interviews and documentation. during a certain period (Sri, 2013). In this research the author conducted a case study at the Madrasah Aliyah (MA) Sunanul Huda school in Sukabumi Regency.

RESULTS AND DISCUSSION

School Profile

In reviewing this case study, the author conducted research at the Sunanul Huda Madrasah Aliyah (MA) school in Sukabumi Regency. One of the leading private MA in Sukabumi Regency. This can be seen from the quality of the school which is accredited A. This school was founded in 1997. With a total of 42 educators, teaching staff and staff. Then the total number of students was 533 people. This school has a vision and mission, namely "Excellence in Achievement, Competitive Spirit, Scientific Insight, Characteristics". To achieve the madrasa vision, the mission of providing education and learning at Madrasah Aliyah Sunanul Huda is as follows: 1. Improving the quality of learning, 2. Improving the quality of professional performance, 3. Getting used to living with discipline and good morals in everyday life, 4. Developing competitive, creative and innovative advantages and 5. Developing student creativity with mastery of science and technology.

It can be seen from the vision and mission of this school that it emphasizes improvement in various sectors. So in its management this school integrates with technology through the application of digitalization. This is what makes the author interested in making this school a research locus that he feels is appropriate in discussing the digitalization of superior madrasah management. In this case study, researchers want to dissect how this school utilizes digitalization to manage school management more efficiently and of course effectively. Apart from that, I want to see what are the opportunities and obstacles in its implementation.

Technology Infrastructure

Availability of digital infrastructure

The importance of facilities and infrastructure that support and facilitate the managerial or learning process is why this school has several digital infrastructure. Among them is Lab. Language, Lab. Computer, internet availability. The details of the technological hardware owned are 40 computers, 12 internet servers, projectors, smart TVs, etc.

Type of Platform or System Used

In managing schools more efficiently and effectively, MA Sunanul Huda has a platform application called PSD (Smart Digital Islamic Boarding School). This platform is used by schools to facilitate school managerial management, including financial management, teacher and staff attendance lists, and learning assessment.

In managing education, especially in madrasas, supporting infrastructure is needed. This is done so that school management is more efficient and effective. Utilizing the use of technology is one way to improve the quality of education in schools/madrasas, as stated by Hermawansyah (2021) in his research that the use of technology in the education system requires a curriculum, competent teachers and supporting infrastructure. In order to improve the quality of education to respond to the era of digitalization, improving infrastructure is important and even mandatory for education, especially digital-based infrastructure in this millennial era. Because adequate and optimally functioning services also encourage quality output supported by ease of service. Improving the digitization of infrastructure, apart from making services easier for students, will also increase the school's accreditation rating.

Technology Users

Madrasah head Mr. H Iyan Mahpudin S.Ag M.Si, teachers and staff totaling 50 people have hardware such as smartphones, laptops and PSD (smart digital Islamic boarding school) application accounts and are able to apply infocus in supporting the school management and learning process.

Training and Development

In order to increase competence in the field of technology, this school provides training or guidance to teachers and staff to use technology in management and teaching. development, of course, if teachers go through coaching by supervisors and use mooc training in the Ministry of Religion's smart application.

Managerial Process

The process of managing digitalized academic data (grades, attendance), finances and personnel. Finances, attendance/absence lists and assessments using the PSD (Smart Digital Islamic Boarding School) application. In order to increase the efficiency and effectiveness of the administrative process, MA Sunanul Huda has transformed into digitalization, namely the use of the PSD (smart digital Islamic boarding school) application platform. This transformation is very important, especially in this modern era, where technology supports better human life. As explained by Azis (2018) in Burhan, et al (2023), the use of information and communication technology in educational administration makes it possible for school management to achieve educational goals effectively and efficiently because technology provides accurate and accountable information and data for problem solving.

Learning Management

The use of technology in the learning process and delivery of new material using laptops and infocus, learning supervision monitored by CCTV, paper-pencil-based exams for general subjects and computers for ICT and PAI subjects, and evaluation.

Communication

Use of digital media in communication between madrasas, students and parents (e-mail, messaging applications, school portals). communication with parents using the Whatsapp group ya gwa which is organized by the class teacher and the messaging application yes in the PSD application.

Impact of Digitalization

Efficiency and Productivity

Changes in administrative efficiency, time management and operational costs due to the application of technology are something that must be done because they adapt to current developments.

Improving the Quality of Learning

Digitalization affects the quality of teaching and learning at Madrasah Aliyah Sunanul Huda because the Gen Z generation is very familiar with technology to access learning materials productively with teacher supervision to create enjoyable learning.

Challenges and Opportunities

Challenges and obstacles at MA Sunanul Huda include technical obstacles, human resources, inadequate lab space, costs, or other obstacles in implementing digitalization. There are still not enough devices, yes, the number of students is around 500. Only 40 students are leaving. That's still not balanced with the kicks and obstacles. Yes, the problem is that computers are still not optimal, sometimes the internet network is a little disrupted. On average, 80% of teachers have innovated to use digital media.

Among the opportunities is being able to manage the budget from the provincial government BPMU (Universal Secondary Education Assistance) and funds from the central government BOS (School Operational Assistance) for additional laptop units and activating madrasah websites. However, this budget is only able to cover teacher salaries and development of buildings and facilities.

CONCLUSION

Digital transformation is something that must be carried out by educational institutions, especially madrasas, in order to be able to face the challenges of the fast era. Madrasah Aliyah Sunanulhuda, which is located in Sukabumi Regency, is a superior, accredited private madrasah that carries out digital transformation, including eight educational quality standards in improving the quality of Madrasah Aliyah Sunanulhuda. MA Sunanulhuda has implemented the Pesantren Smart Digital (PSD) madrasa application which is integrated with Islamic boarding schools, teachers and parents of students as well as madrasa administration and others. Not only that, MA Sunanulhuda has social media such as Facebook, Instagram, Twitter, accounts YouTube specifically for Madrasa publications and developments.

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