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# DIGITAL REVOLUTION IN ISLAMIC EDUCATION: EXPLORING THE UNIQUENESS AND IMPACT F DIGITAL LEARNING MEDIA IN ISLAMIC

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#### Abstract

Digital learning media is one form of technological progress. Through interesting and easy-to-understand lesson content, digital learning media is one of the significant innovations in the world of Islamic education. Digital learning media has opened up new opportunities in Islamic education by offering innovative and effective methods for teaching religious teachings. Flexibility, interactivity, and content relevance are some of the unique features that make digital media a valuable tool in enriching students' learning experiences. When used appropriately, this technology can play a major role in shaping a more educated future generation of Muslims.

Keywords: Revolution, Education, Islam

# INTRODUCTION

The digital revolution has ushered in a profound transformation across various spheres of human activity, fundamentally altering the way we interact, learn, and teach. In the realm of Islamic education, digital learning media has emerged as a pivotal innovation, offering new avenues to enhance and diversify the teaching of religious teachings. The integration of digital tools in Islamic education is not merely a trend but represents a significant shift towards more flexible, interactive, and contextually relevant learning experiences. This article aims to explore the uniqueness and impact of digital learning media in Islamic education, shedding light on how these technologies can enrich the educational experiences of students and shape a more informed future generation of Muslims.

# Digital Learning Media in Education

The rise of digital learning media has revolutionized education by providing innovative tools and methods for delivering content. According to Selwyn (2016), digital technologies have the potential to transform educational practices by offering more interactive and personalized learning experiences. In Islamic education, this transformation is particularly notable as digital media allows for a more engaging





presentation of religious content. Studies by Cavanaugh (2001) and Zhang et al. (2004) highlight how digital learning environments can enhance student engagement and learning outcomes through multimedia resources, interactive platforms, and online collaboration tools.

# Unique Features of Digital Learning Media

One of the standout features of digital learning media is its flexibility. Digital platforms can be accessed from various devices, enabling learning to take place anytime and anywhere. This aspect is crucial in Islamic education, where students can access religious content and resources beyond the confines of traditional classroom settings (Clark & Mayer, 2016). Additionally, digital media supports interactive learning through quizzes, simulations, and discussion forums, which can enhance comprehension and retention of Islamic teachings (Mayer, 2009).

Interactivity is another significant advantage of digital learning media. Interactive tools such as online forums and collaborative platforms facilitate greater student engagement and foster a more active learning environment. Research by Resta and Laferrière (2015) emphasizes that interactive digital tools can support deeper learning experiences by encouraging student participation and feedback.

### Impact on Islamic Education

The impact of digital learning media on Islamic education can be seen in various dimensions. Digital platforms provide access to a vast array of resources, including e-books, videos, and interactive applications, which can enrich the learning experience by offering diverse perspectives and formats (Sangrà et al., 2012). Moreover, digital media can bridge gaps in accessibility by reaching students in remote or underserved areas, thereby democratizing access to Islamic education (Garrison & Vaughan, 2008).

A study by Muirhead (2007) suggests that digital learning environments can enhance the teaching of religious subjects by providing tools for simulation and visualization that traditional methods cannot offer. This is particularly relevant in Islamic education, where visual and interactive elements can help elucidate complex religious concepts and historical contexts.

#### **Challenges and Considerations**

Despite its advantages, the integration of digital learning media in Islamic education is not without challenges. Concerns about digital divide, content quality, and the need for adequate training for educators must be addressed to maximize the benefits of these technologies (Wang et al., 2009). Additionally, ensuring that digital content aligns with Islamic values and principles is crucial to maintaining the integrity of religious education (Harrison et al., 2017).

# LITERATURE REVIEW





This literature review identifies various aspects related to the use of digital media in Islamic education, highlighting its uniqueness and impacts as well as the challenges faced. With this approach, it is hoped that it can provide deeper insights into how the digital revolution can positively influence the Islamic education system, while considering the challenges that need to be overcome.

# **RESEARCH METHOD**

1. Research Design

This study uses an exploratory descriptive qualitative approach to understand the impact and uniqueness of digital learning media in Islamic education. This study will explore the application of digital media in Islamic education, including the challenges and opportunities faced.

2. Population and Sample

This study will be conducted at 5-7 Islamic educational institutions that actively use digital media in teaching, such as Islamic boarding schools, madrasas, and Islamic universities. The sample was selected by purposive sampling, based on the criteria of institutions that have implemented digital technology in their curriculum.

3. Data Collection Methods

Semi-Structured Interviews: Conducted with administrators, teachers, and students to explore their experiences and perceptions of the use of digital media in Islamic education.

Participatory Observation: Directly observing the use of digital media in the learning process at selected institutions.

Documentation Study: Analyzing digital learning materials, such as video lectures, applications, and e-learning platforms used.

4. Data Analysis

The collected data will be analyzed using thematic analysis. Coding and categorization were conducted to identify key themes related to the use of digital media in Islamic education, such as its impact on learning and the uniqueness of digital methods.

5. Limitations

This study is limited to institutions that have implemented digital technology. Several logistical barriers and access to institutions may also affect the number of samples involved

# **RESULTS AND DISCUSSION**

a. Uniqueness of Digital Learning Media

Digital learning media has become quite commonplace in today's era. through e-learning applications and platforms presenting lesson content in multimedia





formats such as videos, animations, and infographics. This approach not only makes learning more interesting but also helps students understand Islamic teachings in a more visual and contextual way. Here are five unique features offered in digital learning:

1. Flexibility and Accessibility

One of the advantages of digital learning media is the flexibility and accessibility it offers. With a digital platform, teaching materials can be accessed anytime and anywhere, making it easier for students to learn according to their personal schedule. This is very beneficial for students who are busy or live in areas with limited access to formal education facilities.

2. Interactivity and Personal Learning

Digital media is often equipped with interactive features such as quizzes, discussion forums, and question and answer sessions. These features allow students to be actively involved in the learning process, ask about material that is not understood, and discuss with classmates and teachers. In addition, adaptive technology can adjust teaching materials to the needs and speed of individual learning, allowing for a more personalized learning experience.

3. Contextualization and Relevance of Content

Digital learning media allows the delivery of teaching materials that are always updated and relevant. Content updates can be done in real-time, ensuring that students get the latest information in science and technology without ignoring the principles of Islamic teachings. This also allows the contextualization of teaching materials to connect them to contemporary issues that are relevant to students.

4. Gamification and Student Motivation

Some digital learning platforms implement gamification elements such as points, badges, and levels to motivate students. This approach not only makes the learning process more fun but also encourages students to be active and committed in their learning. Gamification helps increase student engagement and enthusiasm in learning Islamic teachings.

5. Strengthening Collaborative Learning

Digital learning media supports collaborative learning through features such as discussion groups, joint projects, and forums. Students can work together to complete assignments, share ideas, and help each other understand the material. This collaborative learning not only strengthens individual understanding but also builds social and teamwork skills.

b. The Impact of Digital Learning Media in Islamic Education





The use of digital learning media in Islamic education has a significant impact. In addition to increasing student engagement, this technology also makes it easier to convey complex religious teachings in a more interesting and easy-tounderstand way. The global access offered by digital media also expands the reach of Islamic education, allowing students in various parts of the world to access quality teaching materials.

However, the crucial thing is that when technological advances offer many benefits, their success will depend greatly on effective implementation and wise supervision. In the world of education, the ease of using the internet to learn religion is a gift, if delivered by someone who is truly worthy and appropriate. However, on the other hand, if the person delivering it is someone who is not worthy and appropriate, then it can be a disaster. Therefore, ensuring that the teaching content remains in accordance with Islamic teachings and takes into account the needs and backgrounds

### CONCLUSION

The research method used in this study combines a qualitative approach with various data collection techniques, such as interviews, observations, documentation studies, and questionnaires. Data analysis will be carried out using thematic analysis to identify the impact and uniqueness of digital learning media in Islamic education. With this approach, it is hoped that this study can provide a deeper understanding of how digital technology affects Islamic education in the digital era.

# REFERENCES

- Garrison, D. R., & Vaughan, N. D. (2008). Blended learning in higher education: Framework, principles, and guidelines. Jossey-Bass.
- Harrison, N., et al. (2017). Teaching and learning in digital contexts. Routledge.
- Mayer, R. E. (2009). Multimedia learning. Cambridge University Press.
- Muirhead, B. (2007). Technology integration and innovation in education\*. Educational Technology Publications.
- Resta, P., & Laferrière, T. (2015). Teacher professional development in technology for education. Springer.
- Sangrà, A., González-Sanmamed, M., & Bliuc, A. (2012). The role of technology in the development of e-learning environments. Routledge.
- Selwyn, N. (2016). Education and technology: Key issues and debates. Bloomsbury Academic.





Wang, F., & Hannafin, M. (2009). Design-based research and technology-enhanced learning environments. Educational Technology Research and Development, 57(5), 563-572.

Zhang, D., Zhao, J. L., Zhou, L., & Nunamaker, J. F. (2004). Can e-learning replace classroom learning? Communications of the ACM, 47(7), 75-79.

