PADLET PLATFORM PRESENT TO ANSWER STUDENTS' LEARNING NEEDS FOR DIGITAL LEARNING

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Abstract:

This research examines how the Padlet platform present as a solution to meet students' digital learning needs in the modern era. Using a systematic literature review method, this research analyzes various sources from nationally accredited journals published between 2019-2024. The research results show that Padlet plays an important role as a collaborative platform that provides interactive virtual learning spaces, enables sharing of multimedia content, and supports real-time collaboration between students and teachers. This platform has advantages in terms of ease of use, accessibility from various devices, and the ability to create a dynamic learning environment. Despite limitations in terms of dependence on an internet connection, Padlet remains an effective solution for modern digital learning. This research concludes that Padlet successfully integrates students' digital learning needs through features that support interactive multimedia content, online collaboration, and an effective feedback system, thereby providing a richer and more meaningful learning experience for students in the digital era.

Keywords: Padlet, Student's Learning Needs, Digital Learning

Abstrak:

Penelitian ini mengkaji bagaimana platform Padlet hadir sebagai solusi untuk memenuhi kebutuhan pembelajaran digital siswa di era modern. Menggunakan metode systematic literature review, penelitian ini menganalisis berbagai sumber dari jurnal terakreditasi nasional yang diterbitkan antara tahun 2019-2024. Hasil penelitian menunjukkan bahwa Padlet berperan penting sebagai platform kolaboratif yang menyediakan ruang pembelajaran virtual interaktif, memungkinkan berbagi konten multimedia, dan mendukung kolaborasi real-time antara siswa dan guru. Platform ini memiliki keunggulan dalam hal kemudahan penggunaan, aksesibilitas dari berbagai perangkat, dan kemampuan menciptakan lingkungan belajar yang dinamis. Meskipun terdapat keterbatasan dalam hal ketergantungan pada koneksi internet, Padlet tetap menjadi solusi efektif untuk pembelajaran digital modern. Penelitian ini menyimpulkan bahwa Padlet berhasil mengintegrasikan kebutuhan pembelajaran digital siswa melalui fitur-fitur yang mendukung konten multimedia interaktif, kolaborasi online, dan sistem umpan balik yang efektif, sehingga memberikan pengalaman pembelajaran yang lebih kaya dan bermakna bagi siswa di era digital.

Kata Kunci: Padlet, Kebutuhan Belajar Siswa, Pembelajaran Digital

INTRODUCTION

In the ever-evolving digital era, technology has become a key pillar that

supports transformation in various sectors of life, including education. With the advancement of information and communication technology, the traditional learning paradigm has undergone a significant shift towards a more dynamic, interactive, and technology-integrated approach. The integration of technology in education is not only replacing conventional learning aids, but also opening the door for more innovative and effective teaching and learning methods (Sundari, 2024).
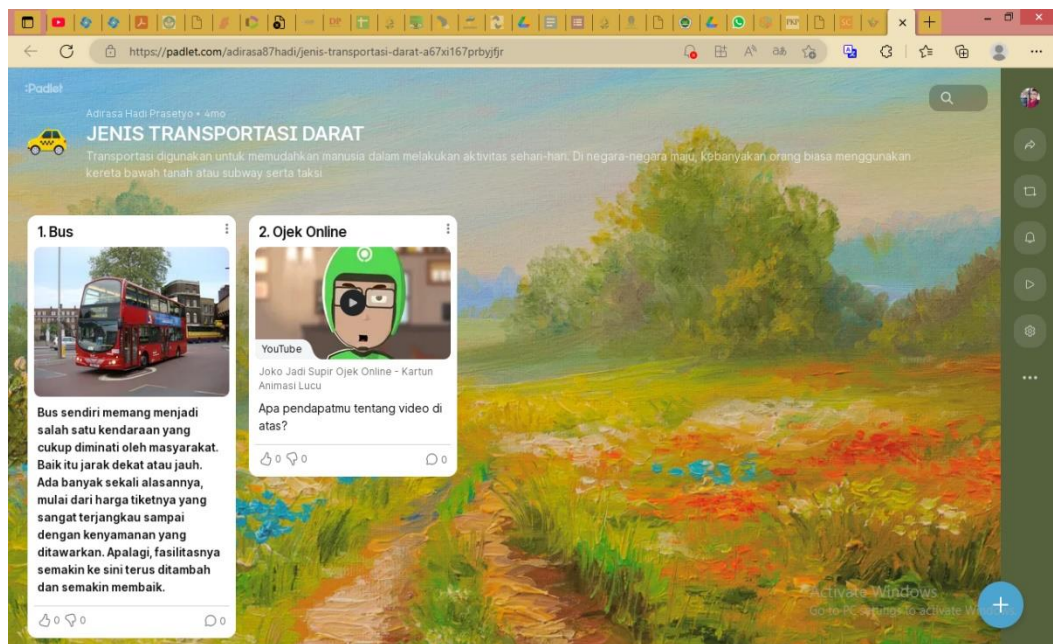

Figure 1 : Padlet Platform Dashboard

Learning through digital technology has become an increasingly important topic in the world of education. Digital technology has significantly changed the way we acquire, access, and share information. In today's digital age, students are not just limited to learning in the classroom with conventional textbooks, whiteboards, and teachers as the only source of knowledge. Digital technology has opened the door to expanding the learning methods and media available to students, and thus, allowing for improvements in the effectiveness and efficiency of learning   (Abdul Sakti, 2023).

The latest learning media involves the sophistication of information and communication technology where creativity and innovation are expected to continue to develop. One of the characteristics of interesting learning media is that it has an interactive nature that prioritizes communication, cooperation, causing interaction between students which can be done through a game, and can create students' motivation to learn, especially challenges and curiosity in them. In facing these challenges, digital-based learning can be a solution with the development of information and communication technology so as to encourage the creation of innovative, effective, and efficient learning media. Therefore, digital-based media is needed to be used as an effort to improve

student learning outcomes at school (Azzahro & Subekti, 2022).

Online learning media can be interpreted as media equipped with a controller that can be operated by the user, so that users can control and access what is the user's needs. The advantage of online learning media is that learning is self-paced and highly interactive, providing more learning experiences with audio, video, animation all of which are used for information delivery (Berta & Swarniti, 2020).

Online learning media is used to facilitate teaching and learning activities, there are several platforms or applications that have been created to be able to facilitate teaching and learning activities, such as the Padlet platform. Padlet is a collaborative platform in the form of a virtual board developed by Nitesh Goel in 2008 (Handini, 2021). The platform allows users to create digital notepads or discussions that can be filled with text, images, videos, links, and various other types of content. The Padlet platform is an ICT-based learning tool that can be used to develop more interactive learning (Ambarita, 2021). Padlet allows teachers to create modules or summaries of material that are more interesting to students.

Figure 2: Make Learning Media based on Padlet

This article discusses how the Padlet platform is present to answer students' learning needs for digital learning, where it is hoped that by using several studies this article can provide information related to the padlet platform and its purpose to simplify the learning process and provide knowledge about digital learning based on the padlet platform.

Digital transformation in the world of education has presented various innovations in learning methods and media. The need for digital learning is increasing in line with the rapid development of information and communication

technology. In this context, digital-based learning media is an important component in the modern teaching and learning process.

Effective digital learning media must have interactive characteristics that support communication and collaboration between students. According to Azzahro & Subekti (2022), interesting learning media is characterized by interactive nature that prioritizes communication, cooperation, and is able to create interaction between students. In addition, learning media must also be able to motivate students through challenges and arouse their curiosity.

Padlet is present as one of the digital learning platforms that answer these needs. Megat et al. (2020) explained that Padlet is a web-based application that functions like a virtual bulletin board with a simple interface. The platform allows learners to share different types of content, including text, videos, links, documents, and images on a virtual page that can be accessed together.

RESEARCH METHOD

The method used in this article is the systematic Literature Review method. The data set obtained is the result of search, assessment, and analysis from various reliable sources. The results of the data analyzed focus on the results of research in the form of scientific articles that have been published in nationally accredited journals (Indonesia) which in the scope of the study discuss the Padlet Platform Present to Answer Students' Learning Needs for Digital Learning. In the process of collecting data, it is carried out by searching for literature online using Harzing Publish or Perish and with a publication range in 2019-2024.

There are several stages that will be carried out in this research, the first is to determine relevant keywords such as "Padlet Platform and students' learning needs for Digital Learning", the second step is to search for articles according to keywords, search results using google schoolar with the following results:

Figure 3. First Searching Padlet in Harzing Publish or Perish

The data obtained from the search engine in the form of scientific articles totals 100 articles and will be filtered that pays attention to its relevance to the research topic and inclusion and exclusion criteria to select relevant studies, so that the article is determined to be a data source. The results of the search for data that have been filtered and analysed and explored are poured into the form of a summary, then the data is presented descriptively in the form of an article, about the Padlet Platform Present to Answer the Learning Needs of Students for Digital Learning. Articles are filtered and nested by ensuring inclusion criteria through abstracts, The results of article filtering can be seen in the following table:

Figure 4. Second Searching Student Learning Needs in Harzing PoP

Furthermore, the extracted data will be analyzed qualitatively or quantitatively, depending on the type and number of studies found. Qualitative analysis can involve narrative synthesis or thematic analysis methods to identify key themes and emerging patterns from various studies. Meanwhile, quantitative analysis can be carried out through meta-analysis if there are enough studies with quantitative data that can be combined.

The end result of this SLR is a synthesis of findings from various studies that provide a comprehensive overview of the usefulness of learning media in the teaching and learning process. These findings will be discussed critically, identifying the strengths and limitations of existing studies, as well as providing recommendations for future research and practice.

FINDINGS AND DISCUSSION
Platform Padlet

Padlet is a site and app that allows students to sort data onto virtual

bulletin boards using a simplified basic framework. "Padlets act like pages full of sticky notes, where learners can start with a blank page and add videos, text, links, documents, and images.

With the help of Padlet's website and software, students can use a simplified basic framework to extract data onto a virtual bulletin board. With Padlet, students can start with a blank page and add videos, text, links, documents, and images, just like a page full of sticky notes. The walls rolled in all directions, and students were free to write as many notes as they wanted. For assessment purposes, instructors have the authority to censor any post that asks students to write their names on the board. One of the many advantages that this tool offers students is the opportunity to collaborate in real-time with their peers. Padlets can also include searches and personal profiles. In terms of the learner aspect, Padlet also has an advantage (Megat et al., 2020).

According to Sundari's description (2024) about the demands of the digital era, Padlet is an example of how technology is changing education. This platform builds a more dynamic and participatory learning ecosystem than simply replacing traditional learning resources. Padlet's capacity that allows students to collaborate in real time answers the demand for more creative and efficient teaching strategies.

Students' Learning Needs for Digital Learning

Students' need for digital learning is increasingly important in this rapidly evolving digital era. In the world of contemporary education, the switch from traditional to digital teaching methods is not only popular but also important. Technological advancements have changed the way students interact with education and information. Traditional learning approaches cannot match the accessibility and equality provided by digital learning. Students can learn at their own pace and according to their preferred learning style because they can access resources at any time and from any location. The growth of students' interest in learning and learning outcomes is an indicator of the importance of creating technology-based learning tools.

Digital learning is when information is conveyed online in the form of digital media, such as text or images. The learning materials offered are intended to improve the knowledge and abilities of individual students as well as the effectiveness of teaching. A teacher can benefit from digital learning media in a variety of ways, such as using it as a tool to help deliver content and as a new way to enhance learning and create a more engaging classroom environment.

Nowadays, a teacher must be able to find various techniques to get children excited to learn so that they can understand what the instructor wants to convey. Teachers must also be able to attract students' attention in order to increase their interest in learning. The most crucial requirement for students to support the learning process is their enthusiasm for learning. Students will certainly not benefit from their education if they are not enthusiastic about what they are learning.

Digital learning must be able to provide an interactive learning

experience, For this students need:
1. Engaging multimedia content
2. Virtual simulations and practices
3. Live feedback
4. Online collaboration with peers

Padlet Media Answers Students' Learning Needs for Digital Learning

Padlet is an online collaborative platform that functions like a digital bulletin board where users can share different types of content such as text, images, videos, links, and files in one virtual space. The platform is very intuitive and easy to use by both teachers and students. In its use, Padlet has features that can be used according to learning.

The Padlet platform is very useful for students and teachers to make learning more interesting. It can make students more familiar and understanding about the use of digital technology. The Padlet platform is also very easy to use because the padlet is a neutral device, because it works on all devices that support the internet. Including PCs, Laptops, Tablets, Smartphones. This ease of access allows students to learn anytime and anywhere, as long as they are connected to the internet. The platform's neutral nature to various devices makes Padlet can be implemented in various schools with different technological conditions.

Padlet offers students a collaborative experience by building a virtual environment that allows for real-time collaboration with friends. In one integrated digital space, students can contribute a variety of materials, including text, photos, videos, and links. This teamwork capacity encourages active learning and increases students' interest in subject matter. Various learning styles are supported by Padlet. Teachers can provide learning materials in a variety of formats thanks to Padlet's diverse types of multimedia content. This improves the understanding of subject matter for students with varied learning styles. Padlet helps kids improve their digital skills. Students who use this platform improve their digital literacy in addition to their understanding of the subject matter. They learn to use technology for learning purposes, which is an essential skill in the digital age.

In addition, Padlet contributes to the development of a more stimulating and engaging learning environment. The interactive elements of this platform can help students find learning more engaging and enjoyable. To improve learning outcomes, it is very important to increase students' enthusiasm and interest in learning. The effective use of Padlet in practice mainly depends on how the platform integrates with a more comprehensive approach to learning. Teachers should use the Padlet feature to create relevant and meaningful learning activities. For example, use Padlet for interactive assignment meetings, project presentations, and group discussions.

Padlet's learning materials that rely heavily on the internet network are one of its weaknesses. It is possible that additional programs also suffer from this shortcoming in addition to the Padlet app. When using the Padlet app, processing will be hampered due to an unstable internet network. Therefore,

finding a strategic location with a potential network is the only requirement of the solution. Students who live in rural areas may find it difficult. Thus, the availability of educational materials is completely adjusted to the needs of students and also depends on the teacher's policy regarding the selection of educational materials. Because there are no perfect educational resources (Pratama & Swarniti, 2021).

The use of Padlet in the learning process reflects the transformation of education in the digital era. This platform is not only a learning tool, but also a catalyst to create a more dynamic, collaborative, and suitable learning experience according to modern learning needs. Despite having some limitations, Padlet remains an effective solution to support the student learning process in the digital era.

CONCLUSION

Padlet platform has emerged as a successful answer to students' demands for digital learning. With the help of this platform, students and teachers can exchange a variety of learning materials, including text, photos, videos, and files, in one integrated digital environment. Padlet's user-friendliness and accessibility of various internet-connected devices make it a successful learning tool. Its user-friendly platform makes it easy for educators and learners to modify and incorporate it into the educational process. Students can collaborate in real time and access learning materials at any time in this dynamic and interactive learning environment, which is one of the advantages of Padlet.

Despite requiring a stable internet connection, Padlet remains a promising tool for contemporary online education. In addition to functioning as a learning tool, Padlet also helps students in adapting to digital technology and meeting the demands of more interesting and interactive learning in the digital era. Through features that facilitate online collaboration, multimedia content engagement, and an efficient feedback system, the platform effectively incorporates students' digital learning needs. As a result, Padlet shows that this is a solution to educational change in the digital era by providing students with a more immersive and satisfying educational experience.

REFERENCES

Megat, N., Zainuddin, M., Firdaus, N., Azmi, M., Che, R., Yusoff, M., & Azmeela, S. (2020). Enhancing Classroom Engagement Through Padlet as a Learning Tool : A Case Study. 10(1), 49–57.

Lestari, G., Mahbubah, A., & Masykuri, M. F. (2019). Pembelajaran Bahasa Arab Digital dengan Menggunakan Media Padlet di Madrasah Aliyah Billingual Batu. Proceeding International Conference on Islamic Education (ICIED), 4(1), 238–244.

Handini, R. M. (2021). the Effectiveness of Using Padlet As Learning Media. Proceeding of International Conference on Japanese Studies, Language and Education, 1(1), 60–70.

Ambarita, E. (2021). Belajar Dari Rumah (Bdr) Menggunakan Padlet Alternatif E-Learning Pada Masa Pandemi Covid-19 (Studi Kasus Di Sman 56 Jakarta). JIRA: Jurnal Inovasi Dan Riset Akademik, 2(1), 30–36.

Pratama, P. A. M. W., & Swarniti, N. W. (2021). The Application Of Literacy Culture In Growing Reading Interest In Smp Negeri Hindu 3 Blahbatuh Gianyar: A Case Study. Widyasrama, 32(2), 87-91.

Sakti, A. (2023). Meningkatkan pembelajaran melalui teknologi digital. Jurnal Penelitian Rumpun Ilmu Teknik, 2(2), 212-219.

Pratama, P. A. M. W., & Swarniti, N. W. (2021). The Application Of Literacy Culture In Growing Reading Interest In Smp Negeri Hindu 3 Blahbatuh Gianyar: A Case Study. Widyasrama, 32(2), 87-91.

Berta, M. O., & Swarniti, N. W. (2020). IMPROVING THE STUDENTS'VOCABULARY MASTERY THROUGH WORD SQUARE GAME AT THE EIGHTH GRADE OF SMP DWIJENDRA DENPASAR IN THE ACADEMIC YEAR 2019/2020. Widyasrama, 30(2), 18-25.

Azzahro, T. A., & Subekti, F. E. (2022). Systematic Literature Review: Efektivitas Penggunaan Media Evaluasi Digital dalam Pembelajaran Matematika. Biormatika: Jurnal ilmiah fakultas keguruan dan ilmu pendidikan, 8(2), 207-213.

Sundari, E. (2024). Transformasi Pembelajaran Di Era Digital: Mengintegrasikan Teknologi Dalam Pendidikan Modern. Sindoro: Cendikia Pendidikan, 4(5), 25-35.