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Series 2025

Chief Editors:
Nur Alyani binti Khairol Anuar
Muhammad Irfan bin Mokhtar

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Preface

Pioneering Educational Perspectives: Series 2025 is a collection of thought-provoking insights and research contributions exploring contemporary educational trends and practices. This eBook presents a diverse range of perspectives on innovative teaching methodologies, digital learning strategies, and transformative approaches in education. Designed to serve as a resource for educators, researchers, and practitioners, it aims to inspire meaningful discussions and advancements in the field. Through carefully curated chapters, this publication offers fresh ideas and practical solutions to enhance learning experiences in an ever-evolving educational landscape.

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PADLET UNBOXED: THE DIGITAL ENGAGEMENT EXPERIENCE

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ABSTRACT

Padlet is a versatile multimedia platform designed for real-time collaboration and interactive learning. It allows users to create customizable boards with various layouts and content types, such as text, images, and videos. Its key features include real-time interaction, multiple user contributions, and integration with tools like Google Drive and Dropbox. Targeted at educational institutions all over the world, Padlet supports collaborative activities and enhances classroom engagement. It aligns with several Sustainable Development Goals (SDGs) by promoting quality education, supporting innovation, and reducing paper use. Padlet has the potential to reach a wide *audience. Nationally, it can be adopted by higher education institutions under the Ministry of Higher Education. Internationally, over 235 million students were enrolled in higher education worldwide in 2020, indicating a large potential market. Future directions could include integrating advanced artificial intelligence (AI) for personalized learning, improving security, and forming strategic partnerships to expand its reach and capabilities.

KEYWORDS: Padlet, Digital Engagement, Interactive Learning, Real-time collaboration

PROBLEM AND OBJECTIVE

In the 21st century, technology plays a key role in students' lives, prompting educational institutions to integrate it effectively into teaching. Institutions are now developing strategies to incorporate technological innovations that align with students' learning styles. Teachers face the challenge of capturing attention with visually engaging content, making digital interactive tools invaluable for virtual teaching (Cóndor-Herrera et al., 2021). Active participation, such as asking questions and sharing opinions, allows students to gain insights and exchange knowledge (Zhi & Su, 2016). The Digital Education Policy by Malaysia's Education Ministry reflects the government's commitment to updating the national education system. Minister Fadhlina Sidek highlighted its six pillars: digitally proficient students, competent digital educators, visionary leadership, enabling infrastructure, high-quality content, and committed partners (Lukman Hakim, 2023). The policy aligns with the Malaysia Education Blueprint (2013-2025) and focuses on enhancing ICT use in classrooms. This paper emphasizes using Padlet for e-learning to engage students in active learning. It highlights how educators can encourage participation and obtain valuable feedback through class activities. Padlet serves as a digital pedagogical tool to enhance teaching in both physical and virtual environments.

DESIGN DESCRIPTION

Padlet is a free multimedia wall that supports real-time interaction and whole-class participation. It enhances collaborative learning by allowing multiple users to contribute simultaneously to customizable boards, using templates like grid, stream, and canvas. Padlet supports various content types, including text, images, videos, and links. Users can control

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board access, making it public, private, or password protected. Accessible on both mobile and desktop, Padlet allows easy drag-and-drop functionality, commenting, and interaction. It integrates with tools like Google Drive and Dropbox for seamless content sharing. Targeted at educators and students, Padlet is useful for classroom activities, group projects, and collaboration. Its peer evaluation tool enables students to provide feedback, promoting self-improvement, while the poll feature allows quick quizzes or feedback, making learning interactive and engaging.

VISUALS



Figure 1. Customized template and layouts.



Figure 2. Peer evaluation
(New Feature: Poll Function)



Figure 3: Brainstorming and sharing ideas

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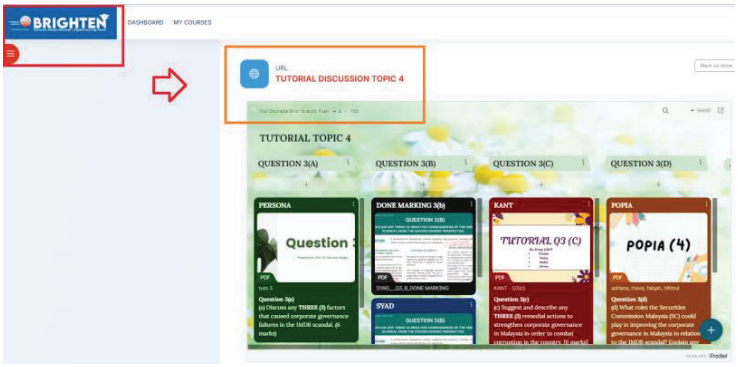


Figure 4. Integrate with other tools and platform, eg:UNITEN Brighten

NOVELTY AND UNIQUENESS

The uniqueness of Padlet unique is its versatility and ability to support real-time collaboration. It offers digital flexibility, allowing educators to create customizable boards for different contexts like assessments, personal projects, or classroom activities. Changes made in Padlet are visible to all users instantly, which encourages synchronous interaction and immediate feedback.

BENEFITS TO MANKIND

Padlet enhances teaching efficiency and student engagement, making it an essential tool in modern education. It supports the Malaysia Education Blueprint (2013-2025) by promoting digital integration and collaboration. Aligned with the Sustainable Development Goals (SDGs), Padlet advances SDG 4: Quality Education by creating inclusive, interactive learning environments. For SDG 9: Industry, Innovation, and Infrastructure, it fosters innovative communication and project management. Additionally, Padlet contributes to SDG 12: Responsible Consumption and Production by reducing paper use and promoting digital content management, supporting sustainable resource use. Its features boost productivity, learning, and environmental sustainability.

COMMERCIAL POTENTIAL

Padlet's commercialization potential is vast, both nationally and internationally. In Malaysia, it is particularly relevant for higher education institutions under the Ministry of Higher Education (MoHE). There are 454 higher education institutions in Malaysia comprised 20 public universities, 434 private universities, 36 polytechnics, and 105 community colleges providing a significant target audience for this tool (Policy Planning and Research Division, Ministry of Higher Education Malaysia, 2022).

Internationally, the market potential is even greater. In 2020, over 235 million students were enrolled in higher education worldwide. This global reach makes Padlet a valuable resource for fostering collaboration and engagement in diverse learning environments (UNESCO, Higher Education Global Data Report, 2022)

CONCLUSION

Padlet stands out as a versatile platform for collaborative work and interactive learning, with significant potential in both educational and business sectors. Its user-friendly design, real-time collaboration features, and multimedia integration make it an effective tool for enhancing productivity and engagement. Targeting a broad market, including millions of educational institutions and businesses globally, Padlet demonstrates strong market potential and

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scalability. Looking ahead, potential future directions include expanding its features to integrate advanced AI tools for personalized learning and project management, enhancing security and privacy measures, and exploring partnerships with educational and corporate institutions to further drive adoption and innovation.

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