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Chief Editors:
Nur Alyani binti Khairol Anuar
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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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VOCABVAULT : Enhancing Pre-service Teachers Vocabulary

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ABSTRACT

This innovation is a Google Site website designed to support adult ESL (English as a Second Language) learners in expanding their vocabulary, with a focus on high-frequency words crucial for everyday communication. The platform is thoughtfully structured, offering a rich collection of essential vocabulary that facilitates effective language development, helping learners integrate more smoothly into English-speaking environments. Pre-service teachers, especially, face problems with vocabulary acquisition when they are not enrolled in a TESL (Teaching English as a Second Language) programme. This will be a problem when they get posted and need to teach English in school. Hence, VocabVault serves as a valuable resource for non-TESL pre-service teachers who may be required to teach English in the future. By engaging with these high-frequency words and understanding how to use them in daily communication, these future educators can enhance their confidence and teaching competence. This can be seen in the findings based on their feelings after using this innovation. In summary, this innovation provides a dual-purpose tool that benefits both ESL learners in their language acquisition and pre-service teachers in their preparation to deliver English instruction.

KEYWORDS: Vocabulary, Pre-service teachers, Website, Language acquisition, ESL learners.

PROBLEM AND OBJECTIVE

Students continue to struggle with conversation due to a limited vocabulary as they progress to secondary and pre-university levels (Benedict & Shabdin, 2021). Despite learning English as a second language throughout the school years, some students still struggle with obtaining a nuanced vocabulary. This issue is evident among learners at tertiary institutions in Malaysia, who have been identified as having a limited vocabulary and poor language proficiency (Che Musa et al., 2012 as cited in Benedict & Shabdin, 2021). Foreign Language Anxiety (FLA) is the unease or nervousness that students feel when learning and using a foreign language that can hinder a student's ability to learn the language (Gannoun & Deris, 2023). It can also impact teachers and diminish the effectiveness of their language instruction (Gannoun & Deris, 2023). The lack of advanced vocabulary not only affects their academic performance but also their confidence and competence in everyday interactions. This will also negatively affect the confidence of pre-service teachers that might teach English in the future as they struggle to acquire vocabulary.

Therefore, the objective of this innovation is to :-

1. provide high-frequency words that are essential for daily communication
2. improve non-TESL pre service teacher’s vocabulary

DESIGN DESCRIPTION

The website’s interface features a navigation menu located at the top right corner of each page, tailored to meet user needs and preferences. A thoughtfully designed e-learning environment

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reduces confusion and frustration for learners, offering an engaging and visually appealing platform that enhances successful learning (Pralle, 2007 as cited in Kishabale, 2021). This design is crucial for ensuring straightforward navigation, allowing advanced users to access more complex vocabulary sections while skipping simpler ones. Non-TESL pre-service teachers will find the website particularly useful as they prepare to teach English in the future. It provides a range of valuable resources and strategies that can enhance their lesson planning and instructional effectiveness. Furthermore, the website's user-friendly design helps these future educators become familiar with essential vocabulary, boosting their confidence and readiness for teaching.

VISUALS

Figure 1 : QR of VocabVault



NOVELTY AND UNIQUENESS

A highly novel product distinguishes itself from competitors, making it more noticeable and easier to attract attention (Dabrowski, 2022). This innovation is unique as it only focuses on vocabulary, as well as providing several quizzes to be taken by the users to test their memory of the learned vocabulary in this website. These quizzes are important to help memory retention of VocabVault users. Some available websites only focus on one skill or topic with no accessible practice that VocabVault has. This is the key of uniqueness that makes VocabVault stand out from other websites.

BENEFITS TO MANKIND

This innovation will benefit non-TESL pre service teacher in the preparation of teaching English in the future. As this website provides several quizzes to test out the memories of the users after using the website, the users will be aware of the vocabulary improvement after using this website and take further action if they do not feel satisfied.

All of the findings in the post test shows that VocabVault has increased the participant's confidence after engaging with the website. Participant A answered "I'm so prepared and confident to teach English". Participant D also added that "I am more confident now". Furthermore, VocabVault also improve vocabulary knowledge since participant B answered "It had helped me to refer to words that I am not familiar with", while participant E mentioned that "It gives input into many advanced collection of vocabulary"

COMMERCIAL POTENTIAL

Creating educational innovations is essential for higher education institutions to remain competitive in the education market and fulfill society's demand for quality education (Majid & Mafarjaa, 2023). This innovation, in particular, has significant potential for widespread adoption in the education sector by non-TESL teachers in the future, aiding them in their

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English teaching preparation. Participant B also claims that she will recommend the innovation to other pre-service teachers because VocabVault acts as a dictionary that is easy to navigate. This will definitely be helpful for non-TESL pre-service teacher that aims to improve their vocabulary knowledge.

CONCLUSION

This paper introduces a Google Site website designed to enhance vocabulary acquisition for adult ESL learners and assist non-TESL pre-service teachers. The site focuses on high-frequency words essential for everyday communication and features a user-friendly interface with navigation options for varying proficiency levels. It also includes quizzes to reinforce vocabulary learning. The innovation aims to improve ESL learners' language skills and provide future educators with valuable resources, boosting their confidence and teaching effectiveness. The website has strong potential for widespread use in education.

REFERENCES

Benedict, M. C., & Shabdin, A. A. (2021). A comparison of the vocabulary learning strategies employed by high and low proficient Pre-University students in Malaysia. *LEARN Journal: Language Education and Acquisition Research Network*, *14*(2), 222–246. http://files.eric.ed.gov/fulltext/EJ1310802.pdf

Dabrowski, D. (2022). The Impact of a New Product's Novelty and Meaningfulness on its Commercial Performance. *IBIMA Business Review*, 1–17. https://doi.org/10.5171/2022.998442

Gannoun, H., & Deris, F. D. (2023). Teaching Anxiety in Foreign Language Classroom: A Review of literature. *Arab World English Journal*, *14*(1), 379–393. https://doi.org/10.24093/awej/vol14no1.24

Kishabale, B. (2021). Theorising and modeling interface design quality and its predictive influence on learners' post adoption behaviour in E-Learning course environments. *International Journal of Education and Development Using ICT*, *17*(1), 100–122. http://files.eric.ed.gov/fulltext/EJ1285654.pdf

Majid, M. Z. A., & Mafarjaa, N. (2024). Understanding the Educational Innovation Practice in Teaching and Learning among Economic Teacher's in Klang Valley. *SHS Web of Conferences*, *182*, 01005. https://doi.org/10.1051/shsconf/202418201005