

Impacts of AI applications on English Writing Skill Development among English-majored Students at Thu Dau Mot University

Abstract

This study investigates the impact of AI-powered writing tools (Grammarly, ChatGPT, QuillBot) on English-majored students' writing development at Thu Dau Mot University. A mixed-method design was employed to examine how AI tools influence writing accuracy, coherence, and fluency, alongside students' perceptions of advantages and limitations. Findings suggest that AI tools provide immediate, personalized feedback, improve grammatical accuracy and vocabulary, and enhance writing fluency. However, over-reliance on AI raises concerns regarding creativity, critical thinking, and academic integrity.

Aims

- Examine the extent to which AI tools influence writing accuracy, coherence, and fluency.
- Identify perceived advantages of AI applications in supporting writing development.
- Explore students' perceptions of limitations and challenges in AI-assisted writing.

Research Questions

- How do AI-powered writing tools (e.g., Grammarly, ChatGPT, QuillBot) influence the accuracy, coherence, and fluency of English writing among English-major students at Thu Dau Mot University?
- What are the advantages of using AI applications in developing English writing skills, as perceived by English-major students at Thu Dau Mot University?
- According to the perceptions of English-majored students at Thu Dau Mot University, what are the limitations of using AI applications in developing English writing skills?

Methodology

Participants: 110 English majors (3rd–4th year) at Thu Dau Mot University.

Design: Quantitative survey + qualitative insights.

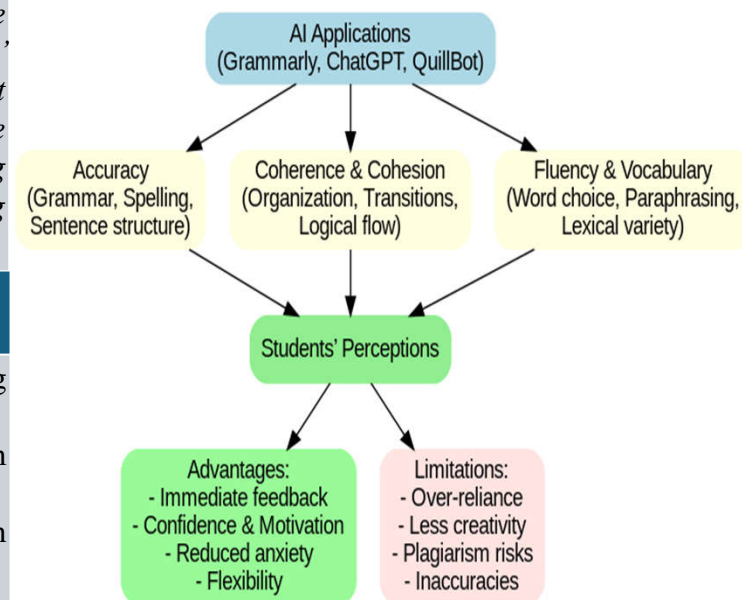
Instrument: Structured questionnaire (5-point Likert scale + open-ended questions).

Data Analysis: SPSS (descriptive & inferential statistics) + thematic analysis of qualitative data.

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Findings



Conclusion

AI-powered tools positively contribute to English majors' writing development, especially in accuracy, coherence, and fluency. However, overdependence may hinder creativity and critical thinking. Effective integration requires balancing AI support with independent writing practice.

Refrences

Celik, I., Dindar, M., Muukkonen, H., & Järvelä, S. (2022). The promises and challenges of artificial intelligence for teachers: A systematic review of research. *TechTrends*, 66(4), 616-630.

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