“STIMULER” APPLICATION AS A MEDIA FOR INDEPENDENT LEARNING OF ENGLISH SPEAKING

THESIS

Submitted in partial fulfillment of the requirements for the degree of
Sarjana Pendidikan (S. Pd.) in English teaching

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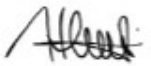
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ABSTRACT

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Key words : users' perception, speaking, Stimuler application, and independent learning.

The development of Artificial Intelligence (AI)-based applications has provided various alternative learning tools to support independent learning of English speaking. One AI-based application available to learners to improve their English-speaking skills is Stimuler. However, to determine the application's suitability as a tool for learning to speak English, it is necessary to examine its features and understand users' perceptions of how these features facilitate independent learning of English speaking. Therefore, this study aims to (1) identify the features of the Stimuler application and (2) explore users' perceptions of these features. A qualitative approach was employed in this study. Data were collected through documentation, an interview with one user via Zoom, and open-ended questionnaires distributed to five other users who were unable to participate in the interview. The collected data were analyzed using deductive coding to answer the first research question and thematic analysis to answer the second research question The results indicate that Stimuler offers six features to facilitate independent learning, including Learning Path, AI Speaking Practice, Call with AI, AI Instant Feedback, Streak System, and Saving Words. Furthermore, users responded positively to the Stimuler features. The features provided by the application boost user confidence, offer flexible learning, and facilitate self-evaluation. These findings suggest that Stimuler can serve as an AI-based learning tool that supports independent learning of English speaking.

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ABSTRAK

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Kata kunci: persepsi pengguna, berbicara, aplikasi Stimuler, dan pembelajaran mandiri.

Perkembangan teknologi aplikasi berbasis *Artificial Intelligence* (AI) telah memberikan berbagai alternatif media pembelajaran untuk mendukung pembelajaran berbicara bahasa Inggris secara mandi. Salah satu aplikasi berbasis AI yang dapat dimanfaatkan oleh pembelajar untuk meningkatkan kemampuan berbicara bahasa Inggris yaitu Stimuler. Namun untuk mengetahui sebuah aplikasi dapat dijadikan salah satu alat untuk belajar berbicara bahasa Inggris perlu dilakukan identifikasi lebih lanjut terkait fitur-fitur yang disediakan serta bagaimana persepsi pengguna terkait fitur-fitur tersebut dalam memfasilitasi pembelajaran berbicara bahasa Inggris secara mandiri. Maka dari itu, penelitian ini bertujuan untuk (1) Mengidentifikasi fitur-fitur aplikasi Stimuler, dan (2) persepsi pengguna terkait fitur-fitur tersebut. Penelitian ini menggunakan pendekatan kualitatif. Data diperoleh melalui dokumentasi, wawancara dari dengan satu pengguna, dan kuesioner terbuka kepada lima pengguna lainnya yang tidak bisa menghadiri wawancara. Data yang terkumpul dianalisis menggunakan pengodean deduktif untuk menjawab pertanyaan penelitian pertama dan analisis tematik untuk menjawab pertanyaan penelitian kedua. Hasil penelitian menunjukkan bahwa aplikasi Stimuler memiliki enam fitur dalam memfasilitasi pembelajaran mandiri berbicara bahasa Inggris yakni Learning Path, Ai Speaking Practice, Call with Ai, Score AI Instant Feedback, Streak System, dan Saving words. Selain itu,

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pengguna memberikan respon positif terhadap penggunaan Stimuler. Fitur-fitur yang disajikan oleh aplikasi ini meningkatkan kepercayaan diri pengguna, menawarkan pembelajaran yang fleksibel, dan memfasiltasi evaluasi mandiri. Temuan penelitian ini menunjukkan bahwa Stimulerdapat menjadi salah satu media pembelajaran berbasis AI yang mendukung pembelajaran berbicara bahasa Inggris secara mandiri.

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LIST OF ABBREVIATIONS

MALL	Mobile-assisted language learning
CALL	Computer Assisted Language Learning
App	Application
AI	Artificial Intelligence

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