

CHAPTER V

CONCLUSION AND SUGGESTION

5.1 Conclusion

The creation of an English vocabulary learning application, LexiFun, concentrating on functional vocabulary through digital card-matching and blank sentence games, has been successfully accomplished by applying to the five-step ADDIE development model (Analysis, Design, Development, Implementation, and Evaluation). The creation of the LexiFun application functions as an efficient educational tool to address language requirements, aiming to enhance vocabulary, especially for independent learners at the A2 proficiency level, in an engaging way. This development phase began with a needs analysis, a content analysis, and a learning media analysis of second-semester Applied Foreign Languages students majoring in English at Universitas Diponegoro. Next was the design phase, in which the researcher created a navigation design and determined the appropriate colors, fonts, and elements for developing the LexiFun application.

After finalizing all designs, the next phase was the application development process. The researcher created the LexiFun application with the aid of an external developer. However, even though the researcher was assisted by the developer, the researcher continued to monitor the application development process to ensure it proceeded according to the initial plan. During the development phase, the researcher was assisted by an expert, a lecturer in applied foreign languages, to validate the LexiFun application. Following the product revision phases informed by expert recommendations, which entailed incorporating a 'word bank' feature with relevant vocabulary for the game, eliminating the background music component, substituting the term "themes" with "topics," and rectifying certain inappropriate vocabulary, the researcher executed a user test with second-semester Applied Foreign Languages students majoring in English at Universitas Diponegoro.

The user testing phase occurred on April 21 and 23, 2026, involving a sample size of 22 students. The researcher handed feedback questionnaires to the

students to assess if the LexiFun' application fulfilled their requirements. The findings of the Likert scale-based questions indicate that the LexiFun application received a satisfactory rating. However, the most dominant feedback in the short-answer questions was the request to extend the time limit, particularly at level three, and to shorten the duration of the flip card effect. Therefore, the researcher conducted an evaluation of the timer feature and the flip card effect.

The development of the LexiFun application serves as a learning media that uses games to improve functional vocabulary skills. LexiFun is a media that can help students at the A2 level reach the B1 level through a functional vocabulary approach using a medium other than textbooks. This study combines games focused on functional vocabulary with the scaffolding method in the learning media. Furthermore, the developed game broadens the reference for developing learning media in the context of English as a foreign language.

5.2 Suggestion

Upon finishing all phases of creating the LexiFun application, there are numerous recommendations for enhancing it and building similar platforms moving forward. Initially, it is essential to incorporate vocabulary and broaden the variety of game difficulty tiers. The platform seeks to cultivate higher English language skills as students' language requirements grow at higher academic levels.

Moreover, upcoming application development is anticipated to tackle technological obstacles and enhance performance to provide a smooth user experience on every device, including compatibility with various operating systems, and user interface design. Creating the application for the iOS platform is equally essential to improve the accessibility of educational resources for every mobile device user. These recommendations serve as both reflective points and a reference for future comparative research, ensuring that the development of English language learning gaming applications is more systematic, efficient, and attuned to user needs.