

CHAPTER V CONCLUSION AND SUGGESTIONS

5.1. *Conclusion*

Based on the findings and discussion presented in Chapter IV, several conclusions can be drawn regarding the effectiveness of the Duolingo application in improving students' pronunciation skills among Grade XI students at SMA Negeri 12 Kupang.

First, the students' pronunciation skills before the implementation of the Duolingo application were relatively low. This was indicated by the pre-test mean score of 43.00. Many students experienced difficulties in pronouncing English words accurately, applying appropriate stress patterns, maintaining rhythm, and using correct intonation during speaking activities.

Second, after receiving treatment through the Duolingo application, the students' pronunciation skills improved significantly. This improvement was reflected in the post-test mean score of 72.17, which was considerably higher than the pre-test mean score. The mean improvement of 29.17 points indicates that students benefited from the pronunciation practice activities provided by the application.

Third, the statistical analysis using the paired-sample t-test showed that the calculated t-value (10.03) was higher than the t-table value (2.045) at the significance level of 0.05 with 29 degrees of freedom. Therefore, the null hypothesis (H_0) was rejected, and the alternative hypothesis (H_1) was accepted.

Based on these findings, it can be concluded that:

The use of the Duolingo application significantly improves the pronunciation skills of Grade XI students at SMA Negeri 12 Kupang.

The findings suggest that Duolingo is an effective learning tool for pronunciation instruction because it provides repeated practice opportunities, immediate feedback, interactive learning activities, and flexible access to learning materials.

5.2. *Suggestions*

Based on the conclusions above, the researcher proposes the following suggestions:

1. For Students

Students are encouraged to use the Duolingo application regularly to improve their English pronunciation skills. Continuous practice through application can help students develop more accurate pronunciation, increase confidence in speaking English, and improve overall oral communication skills.

Students should also take advantage of the feedback provided by the application to identify and correct pronunciation errors independently.

2. For English Teachers

English teachers are encouraged to integrate digital learning applications such as Duolingo into classroom instruction. The application can serve as a supplementary learning tool that supports pronunciation practice both inside and outside the classroom.

Teachers are also encouraged to combine conventional teaching methods with technology-based learning strategies to create more engaging, interactive, and effective learning experiences for students.

3. For Schools

Schools are encouraged to support the integration of educational technology into language learning programs. Providing access to digital learning resources can enhance students' learning opportunities and contribute to the improvement of English language proficiency. Schools may also organize technology-assisted learning activities that encourage students to practice English through educational applications.

4. Future Researchers

Future researchers are encouraged to conduct similar studies involving larger sample sizes, different educational settings, and longer treatment periods to obtain more comprehensive and generalizable findings.

Further studies may also investigate the effectiveness of Duolingo in improving speaking fluency. The impact of Duolingo on vocabulary acquisition. The influence of mobile-assisted language learning on listening comprehension. Comparisons between Duolingo and other language learning applications. Such studies may provide deeper insights into the role of technology in English language learning and contribute to the development of more effective technology-assisted language learning practices.