

CHAPTER V

CONCLUSION AND SUGGESTION

A. Conclusion

Based on the result of the data analysis, it can be concluded that the use of the Duolingo application has a significant positive effect on improving the grammar ability of seventh-grade junior high school students, particularly regarding the simple present tense material. This conclusion is supported by the average post-test scores, which show that that students in the experimental class who utilized the Duolingo application achieved a higher mean score of 10.16, compared to the control class, which employed conventional methods and obtained an average score of 8.88.

Furthermore, the results of the independent sample t-test, analyzed using SPSS version 26, revealed a significance value (Sig. 2-tailed) of 0.043, which is below the alpha level of 0.05. Consequently, the alternative hypothesis (H_a), stating that the use of the Duolingo application significantly improves students' grammar ability, is accepted, while the null hypothesis (H_o) is rejected.

Based on these results, it can be concluded that the Duolingo application is effective in enhancing the grammar ability of seventh-grade junior high school students, particularly in mastering the simple present tense. Moreover, this application can serve as an enjoyable and interactive learning medium for students learning English grammar.

B. Suggestion

The researcher will offer a number of recommendations for students, teachers, and future researchers based on the conclusion discussed in the previous chapters. The suggestions are followed below:

1. For Teacher

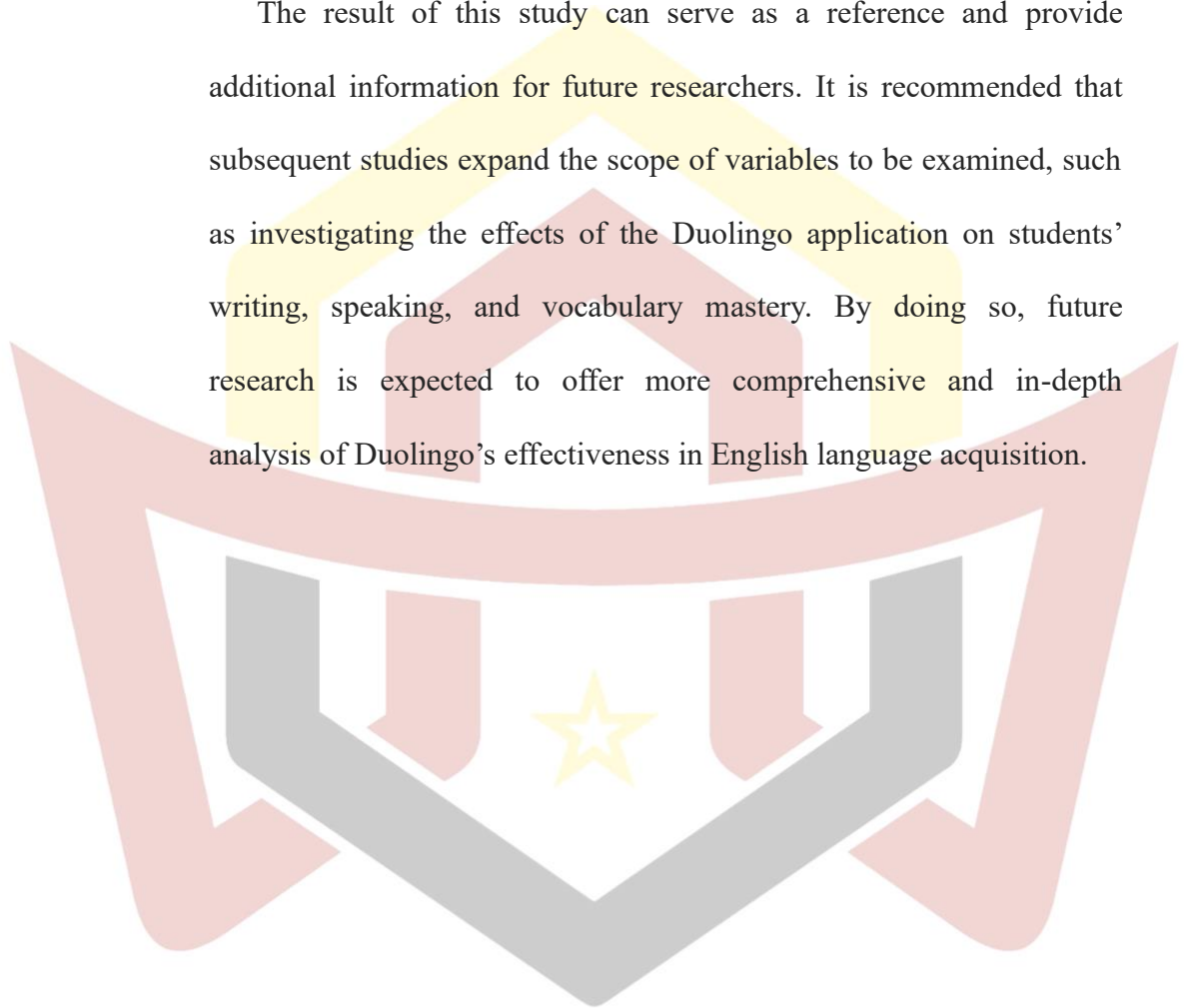
The researcher recommends that English teachers incorporate the Duolingo application as additional tool or medium in teaching grammar. Utilizing this platform can enhance students' interest and effectiveness in the learning process, thereby reducing boredom and passivity. To maximize the effectiveness of the learning process, teachers should combine Duolingo exercise with classroom discussions to deepen students' understanding. Additionally, teachers can monitor students' progress through the "Classroom" features available on the platform. It is expected that such and integrated approach will foster a more participatory learning environment and improve students' learning outcomes.

2. For Students

Students can derive numerous benefits from using this platform in the English classroom. The interactive nature of the application helps students feel more comfortable and confident, enabling them to participate actively in the learning process. As a result, their English language acquisition is optimized.

3. For Other Researcher

The result of this study can serve as a reference and provide additional information for future researchers. It is recommended that subsequent studies expand the scope of variables to be examined, such as investigating the effects of the Duolingo application on students' writing, speaking, and vocabulary mastery. By doing so, future research is expected to offer more comprehensive and in-depth analysis of Duolingo's effectiveness in English language acquisition.



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BIBLIOGRAPHY

- A, D. (2016). *Grammar for English Language Teachers*. New York: Cambridge University Press.
- Ayu Lestari, P. (2019). Analisis Penggunaan “Simple present tense” dengan Menggunakan Metode Drilling. *Buletin Pengembangan Perangkat Pembelajaran*, 1(1), 7-12.
- Ajisoko, P. (2020). The use of duolingo apps to improve English vocabulary learning. *International Journal of Emerging Technologies in Learning*, 149-155.
- Alejandro, C. G. (2023). Eclectic Approach In Teaching Grammar : An Experimental Study. *Journal of Advance Research and Innovative Ideas in Education*, 9(4), 2381-2393.
- Amaniarsih, D. S. (2025). The Effectiveness Of Using The Duolingo Application In Improving Students’ Motivation And English-Speaking Skill At Universitas Potensi Utama Medan. *Jurnal Ilmiah Pendidikan*, 11(1), 46-54.
- Andika, A. (2023). Developing English Grammar Instructional Materials Oriented to Constructivism Theory. *Journal of Languages and Language Teaching*, 11(2), 286.
- Andrew, F. A. (2007). *Oxford Practice Grammar Series*. New York: Oxford University Press.
- Azar, B. S. (1999). *Understanding and Using English Grammar*. New Jersey: Pearson Education.
- Creswell, J. W. (2012). *Educational Research: Planning, Conducting and Evaluating Quantitative and Qualitative Research*, (4th ed). USA: Pearson Education.
- Dale H. Schunk, M. K. (2020). Motivation and Social Kognitive Theory. *Contemporary Educational Psychology*, 60(10), 101832.
- DeCapua, A. (2016). *Grammar for Teachers*. New York: Cambridge University Press.
- Donald Ary, L. C. (2010). *Introduction to Research in Education*. United State: Wadsworth.
- Dustmurod, E. M. (2024). Crucial Role Of Grammar In Effective Journal of Education , Ethics and Value. *Journal of Education, Ethics and Value*, 3(12), 308-310.

- Fadhilawati, D. (2023). The Utilization of Duolingo to Boost Students' Grammar Mastery in Senior High School. *JARES*, 8(2), 37.
- Farisani Thomas Nephawe, M. N. (2022). Approaches For Mastering Coordinative Appositions Exceptions In Simple Present Tense. *Journal of Education, Teaching, and Learning*, 24(24), 32-39.
- Fathi, J. (2024). Investigating the Impact of Duolingo on Second Language Learning Achievement and Self-Regulated Learning among French as a Foreign. *Computer Assisted Language Learning Electronic Journal (CALL-EJ)*, 25(4), 379-413.
- Fernando, Y. (2024). Pentingnya Motivasi Belajar Dalam Meningkatkan Hasil Belajar Siswa. *ALFIHRIS : Jurnal Inspirasi Pendidikan*, 2(3), 61-68.
- Fitria, N. (2023). Duolingo Application for Advancing English Speaking Skills. *Journal of Innovation in Educational and Cultural Research*, 4(4), 587-595.
- Harmer, J. (1987). *Learning the Language of Practice*. England: Pearson Longman.
- Gao, C. Z. (2000). *The Grammar Book: An ESL/EFL Teacher's Course*. United States of America: TESOL Quarterly. 372
- Hasnia, H. (2022). The Ability of 1st Class Students of SMAN 11 Enrekang to Arrange Verbal and Nominal Sentences. *ELS Journal on Interdisciplinary Studies in Humanities*, 5(3), 539-550.
- Ikah Fatmawati, A. S. (2022). The Effect of Using Duolingo Application Towards Students' Grammar Mastery in Simple Present Tense. *Journal of English Pedagogy and Applied Linguistics (JEPAL)*, 3(2), 80.
- Ilmiah, C. F. (2023). Perspektif Islam (Pendapat Ali Bin Abi Thalib) Tentang Pendidikan Anak. *JECER (journal Of Early Childhood Education And Research)*, 4(2), 49.
- Jaelani, A. (2020). Students' Perception of Using Duolingo Application as A Media in Learning Vocabulary. *Bogor English Student and Teacher (BEST) conference*, 2(2), 40-47.
- Jaya, N. M. (2025). Challenges in Grammar Learning Among EFL Students : A Case Study of an Indonesian University. 16-27.
- Karyadi, P. A. (2024). Evaluating Learning Motivation: An Analysis of Students' Engagement in Online Learning Environments. *Journal of Educational Management and Learning*, 2(1), 44-49.
- Khatun, N. (2021). Applications of Normality Test in Statistical Analysis. *Open Journal of Statistics*, 11(1), 113-122.

- Lock, G. (1992). *Functional English Grammar: An Introduction for Second Language Teachers*. New York: Cambridge University Press.
- Mahesti, A. (2025). The Validity And Practicality Of The Development Of Learning Videos To Improve Students ' Speaking Ability In The Eleventh Grade. *Journal of English Study Program*, 8(1), 182.
- Malinda, E. (2024). The Effectiveness of Duolingo as an English Learning Platform for Students : A Students Feedback. 63-69.
- Muttaqin, M. (2025). The Use Of Gamification-Based Duolingo Application In Increasing Student Motivation Is Reviewed From The Theory Of Self-Determination. *AL-WIJDA N: Journal of Islamic Education Studies*, 10(1), 83.
- Nadhifa Arufah Chafshah, A. P. (2024). Integrasi Teknologi Dan Media Dalam Pembelajaran Abad 21 Di Pendidikan Dasar. *Jurnal Ilmiah Pendidikan Dasar*, 9(4), 268.
- Nugraha, D. S. (2025). Complex word formation in contemporary syntactic frameworks : scientometric investigation and its relevance to grammar pedagogy. *JOALL (Journal of Applied Linguistics and Literature)*, 10(1), 283-315.
- Nursyamsiah, E. (2021). Penggunaan Media Aplikasi Duolingo Dalam Meningkatkan Penguasaan Kosakata Bahasa Inggris Siswa Kelas VII SMP Negeri 3 Agrabinta Cianjur. *Jurnal Paedagogy*, 8(1), 67.
- Nuryadi. (2017). *Buku Ajar Dasar-dasar Statistik Penelitian*. Yogyakarta: SIBUKU MEDIA.
- Pauzan. (2021). *Nominal and Verbal Sentences*. Jakarta Selatan: PT Cipta Gadhing Artha Redaksi:.
- Rusdin, R. (2022). the Students' Difficulties in Using Simple Present Tense: a Case Study At Senior High School Student Simple Present Tense. *Journal of English Language Teaching and Literature (JELTL)*, 5(1), 90-102.
- Schunk, D. (2014). *Motivation in Education*. London: British Library Cataloguing-in-Publication Data.
- Setyawan, W. H. (2024). The Effectiveness Of Using Duolingo In Teaching Vocabulary To Camp Class At Language Center. *A Journal of Culture English Language Teaching, Literature and Linguistics*, 11(2), 293-305.
- Sri Handayani, U. (2022). The Difficulties of High School Students in Learning Tenses in Bone District. *Pinisi Journal of Art, Humanity and Social Studies*, 2(1), 10-20.

Sugiyono. (2016). *Metode Penelitian: Kuantitatif, Kualitatif, dan R&D*. Bandung: ALFABETA.

Tamaulina Br. Sembiring, I. M. (2024). *Buku Ajar Metodologi Penelitian (Teori dan Praktik)*. Karawang: CV Saba Jaya Publisher.

'Utsmani, M. A.-Q. (1982). *Q.S Luqman Verse 17*.

Wulandari, H. S. (2024). Gamified Learning: Evaluating the Impact of Duolingo on Language Retention and Academic Performance in Secondary School Students. *Borneo Educational Journal (Borju)*, 6(2), 160-179.



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