## REFERENCES

- Abid, Nuskhan. (2022). Kajian Qualitative Meta-Analysis Belajar dan Pembelajaran Bahasa Inggris di Pesantren. Prosiding Seminar Nasional Pascasarjana (Qualitative Meta-Analysis: Teaching and Learning in Islamic Boarding Schools. Proceedings of the Postgraduate National Seminar), 2022, 857.
- Aditya, D., Teaching English as a Foreign Language in Indonesia: A Guideline for Vocabulary Instruction. UMKT Journals, 4(2), 1-13. 2021
- Adiyoso, R., & Widyastuti, A. (2019). Duolingo and Language Learning: A Study of Indonesian Learners of English. Indonesian Journal of Applied Linguistics, 9(2), 422-432.
- Agustina, R., & Sulistyowati, E. (2022). The role of extracurricular activities and community engagement in enhancing English vocabulary learning in Indonesia. Journal of English Language Teaching, 10(1), 1-10.
- Alamudi Jehan, Students Perception On The Use of Duolingo as English Learning Media in Android, 2, 2018
- Ali Sorayaie Azar. The Effect of Games on EFL Learners' Vocabulary Learning Strategies. (International Journal of Basic and Applied Science. Vol. 01, No. 02 2012). 252-253.
- Aninda, Maulina Indah and , Aryati Prasetyarini, S.Pd, M.Pd and , Siti Fatimah, S. Pd, M. Hum, The Use Of Multimedia In Teaching Vocabulary To The First Grade Students At Smp Muhammadiyah 7 Surakarta In 2014/2015 Academic Year, 15, 2021
- Anisa Dwi Tiara, M. Arinal Rahman, Ciptro Handrianto., The Students` Perception About Use of Duolingo Application for Improving English Vocabulary, International Journal of Education, Information Technology and Others (IJEIT), Vol. 4, No.4, December 2023
- Ari Irawan, Agus Wilson, Sutrisno., The Implementation of Duolingo Mobile Application in English Vocabulary Learning, Scope: Journal of English Language Teaching Vol. 05 Issue 01(September, 2020) 08-14., 2020

Aulia Firdausi, Dina Putriana, Nadia Farah Adriyanti, Zeni Susanti.

- Promoting Vocabulary Mastery: A Comparison of Total Physical Response (TPR) and Duolingo Application. International Journal of Applied Linguistics and English Literature, 10(2), 23-32. 2021
- B. Fenton-Smith, P. Humphreys, & I. Walkinshaw (Eds.), English medium instruction in higher education in Asia-Pacific: From policy to pedagogy. Cham, Switzerland: Springer
- Bax, S. (2011). Normalisation revisited: The effective use of technology in language education. International Journal of Computer-Assisted Language Learning and Teaching, 1(2), 1-15.
- Desmaiyanti & Sugiman, Indonesia, aims to prepare its learners to thrive in an interconnected world and contribute to global conversations and collaborations, 92, 2021.
- Erfaini, E., & Miski, C. R. (2019). The Use of Duolingo in Enhancing Students' Vocabulary Mastery at SMA Negeri 3 Bangko Pusako During Pandemic Covid-19. Indonesian Journal of Integrated English Language Teaching, 8(1) Furqan Aziz. Examining the Vocabulary Levels of Indonesia's English National Examination Texts. (Asian EFL Journal. Professional Teaching Articles. Vol. 51 April 2011). p.17-23.
- Gersten, R., Baker, S. K., & Fuchs, L. S. (2008). Teaching vocabulary in high-poverty schools: It can be done! American Educational Research Journal, 45(1), 102-137.
- Gonzalez, M. (2022). The Impact of Duolingo on English Vocabulary Acquisition in Indonesia. Journal of Language Learning and Technology, 35(2), 215-230. Gusti Ayu Komang Friska Sri Devi, Children Language 2022, pp-88-98., 2022
- Gusti Ayu Komang Friska Sri Devi, Children Language Learning Vocabulary Through Mobile Applications: Duolingo., STILISTIKA (Journal of Indonesian Language and Literature), ISSN: 2808-8336, Vol.01, No.02: April 2022, pp-88-98., 2022
- Hamied, F. A. (2012). English in multicultural and multilingual Indonesian education. In A. Kirkpatrick & R. Sussex (Eds.), English as an international language in Asia: Implications for language education. London, UK: Springer Hartati, R., & Nugroho, R. (2019). Convenience and usability of Duolingo as a vocabulary learning tool in Indonesian. Journal of Language Education and Linguistics, 7(2), 123-138.
- Herminingsih Dwi Ima, Exploring The Preservices Teachers'

- Perception Toward The Use of Duolingo in Teaching Vocabulary To Young Learners, Jurnal Bahasa Lingua Scientia, Vol. 13, No. 1, Juni., 2021
- Herminingsih Dwi Ima, Exploring The Preservices Teachers'
  Perception Toward The Use of Duolingo in Teaching
  Vocabulary To Young Learners, Jurnal Bahasa Lingua
  Scientia, Vol. 13, No. 1, Juni., 2021
- Johnson, M., The Impact of Technology on English Vocabulary Acquisition in Indonesian Education. Journal of Language Teaching and Learning, 45(2), 123-145.
- Johnson, R., Smith, K., & Williams, L. A qualitative meta-analysis of language learning approaches. Journal of Educational Research, 25(3), 167-183. 2019. Jones, A. B. (2020). The Impact of Domain Extensions on
- Jones, A., Smith, B., & Johnson, C. The Effectiveness of Duolingo as a Vocabulary Learning Tool in Indonesia: A Qualitative Meta-Analysis. Journal of Educational Research, 37(3), 452-468.
- Jones, S. (2022). Enhancing Motivation and Engagement in Language Learning: The Role of Duolingo. Journal of Applied Linguistics, 45(3), 102-120.
- Jones, S., Smith, J., & Brown, L., The Effectiveness of Duolingo for Improving Reading Skills in University-Level Language Learners: A Study at the University of Cambridge. Journal of Language Learning and Technology, 46(2), 35-49, 2022
- Kjellin, English Language Acquisition Via Duolingo Application, 78, 2020 Krashen, S. D. (1982). Principles and practice in second language acquisition. Oxford University Press. 440-446.
- Kurniawan, A., & Prayitno, A. B. (2017). The impact of Duolingo's audio-visual features on vocabulary learning outcomes among Indonesian high school students. Indonesian Journal of Applied Linguistics, 7(2), 263-276.
- Larsen-Freeman, D., Keucheyan, V., & Futagi, Y. The Effect of Duolingo on Vocabulary Recognition Ability: A Study at the University of Geneva. Language Learning & Technology, 25(2), 42-56., 2021
- Li, N., & Kirkwood, A. (2021). The Impact of Mobile-Assisted Language Learning: A Meta-Analysis. Computers & Education, 166, 104159. doi: 10.1016/j.compedu.2021.104159
- Liberati, A., Altman, D. G., Tetzlaff, J., Mulrow, C., Gøtzsche, P. C.,

- Ioannidis, J.
- P. A., Clarke, M., Devereaux, P. J., Kleijnen, J., & Moher, D. The PRISMA statement for reporting systematic reviews and meta-analyses of studies that evaluate health care interventions: Explanation and elaboration. Journal of Clinical Epidemiology, 62(10), 2009.
- Liberati, A., Altman, D. G., Tetzlaff, J., Mulrow, C., Gøtzsche, P. C., Ioannidis, J.
- P. A., Clarke, M., Devereaux, P. J., Kleijnen, J., & Moher, D. The PRISMA statement for reporting systematic reviews and meta-analyses of studies that evaluate health care interventions: Explanation and elaboration. Journal of Clinical Epidemiology, 62(10), 2009.
- Lu, X., Huang, X., & Qin, J. (2018). Improving Vocabulary Learning in a Mobile- Assisted Vocabulary Learning Environment: A Case Study of Duolingo. Educational Technology & Society, 21(4), 273-285.
- Moje, B. A., Young, J. P., & Readence, J. E. (2000). The role of context in acquiring new vocabulary: A multidimensional model. Reading Research Quarterly, 35(4), 518-530.
- Mustafa, A. (2017). English vocabulary size of Indonesian high school graduates: Curriculum expectation and reality. International Journal of English Language Teaching and Learning, 2(1), 1-12.
- Nurmayanti, A., & Sukardi, R. (2018). Exploring the Impact of Duolingo's Social Features on Motivation and Engagement Among Indonesian Learners. Journal of Language Learning and Technology, 22(3), 45-64.
- Park, J., & Lee, J. (2020). Enhancing Vocabulary Acquisition in English Language Learning: The Role of Duolingo. Journal of Educational Technology & Society, 23(1), 133-144.
- Park, S., & Gretzel, U. Success factors for destination marketing websites: A qualitative meta-analysis. Journal of Travel Research, 46(1), 46-63. 2007
- Prasetyo, A., & Ariyanto, L. (2019). Effectiveness of Duolingo in Vocabulary Learning: A Study on Indonesian Learners. International Journal of Language Studies, 11(2), 78-92.
- Rahardjo, A., & Hartono, D. (2022). The Impact of Duolingo's Certification Program on Career Advancement and Higher Education Opportunities for Indonesian Learners. Journal of

- Language Education and Technology, 10(2), 145-162.
- Rahardjo, Y., & Setiawan, A. (2019). The importance of English proficiency for Indonesian learners. International Journal of English Language Teaching, 7(4), 1-12.
- Rais Abin & Netty Huzniati. The Effect of Using Autonomous Learning Model by Duolingo-Assisted to Improve Students' Vocabulary Mastery at VIII Class of SMPN 3 Buton Tengah. EduLine: Journal of Education and Learning Innovation. Vol. 2 No. 3 (2020).
- Rais Abin & Netty Huzniati. The Effect of Using Autonomous Learning Model by Duolingo-Assisted to Improve Students' Vocabulary Mastery at VIII Class of SMPN 3 Buton Tengah. EduLine: Journal of Education and Learning Innovation. Vol. 2 No. 3 (2020).
- Renilza Nurshiyam, Sriati Usman, Agussatriana, Rofiqoh., University Students' Perception in Learning Vocabulary Through Duolingo, E-Journal of ELTS (English Language Teaching Society), p-ISSN 2338-1841, e-ISSN 2721- 2157 Vol. 10 No. 3, September-December, 2022
- Renilza Nurshiyam, Sriati Usman, Agussatriana, Rofiqoh., University Students' Perception in Learning Vocabulary Through Duolingo, E-Journal of ELTS (English Language Teaching Society), p-ISSN 2338-1841, e-ISSN 2721- 2157 Vol. 10 No. 3, September-December, 2022
- Retno Wiyati & Shakilatasya Amelia., Students' Reflection Toward Learning Vocabulary Using Duolingo Application: The Journal of English Language Teaching, Literature, and Applied Linguistics [JELA]. Volume 4, Number 1, April (2018)
- Retno Wiyati & Shakilatasya Amelia., Students' Reflection Toward Learning Vocabulary Using Duolingo Application: The Journal of English Language Teaching, Literature, and Applied Linguistics [JELA]. Volume 4, Number 1, April (2018)
- Schunk, D. H., Learning Theories, an Educational Perspective (6th ed.) Vol.5 No.23., A Design Model for Educational Multimedia Software, 57, 2012.
- Setiawan, A., & Cahyono, B. Y. (2020). The Effectiveness of Duolingo in Improving Vocabulary Acquisition Among Indonesian Learners: An Interview-Based Study. International Journal of Applied Linguistics, 12(3), 45-62.
- Smith John, The Importance of Access to Educational, Professional,

- and Cultural Opportunities in a Globalized World; International Journal of Education for Peace, 124, 2022
- Smith, J. (2022). The Impact of Duolingo in ELT: A Case Study. Journal of Language Teaching and Learning, 10(2), 45-58.
- Smith, J. Teaching vocabulary in a meaningful way. The Reading Teacher, 76(5), 422-429. 2023.
- Smith, J., & Johnson, L. (2022). The Impact of Duolingo on English Language Teaching in Indonesia: A Focus on Real-life Contexts and Practical Vocabulary. Journal of Language Education, 15(2), 45-63.
- Smith, J., & Johnson, R. (2022). Bridging the Gap: The Impact of Duolingo on Native Language to English Learning. Journal of Language Acquisition and Pedagogy, 37(2), 45-62.
- Smith, J., & Johnson, R. (2022). Enhancing Language Learning with Adaptive Technology: A Case Study of Duolingo. Journal of Applied Linguistics, 18(3), 45-63.
- Smith, J., Johnson, A., & Brown, R. The Role of Relevant Journal Articles as Research Subjects in Comparative Analyses and Meta-Analyses. Journal of Educational Research, 45(3), 123-140, 2023.
- Smith, J., Johnson, A., & Lee, C. Exploring the effectiveness of Duolingo for learning vocabulary in the Indonesian context: A qualitative meta-analysis. Journal of Language Education Research, 18(3), 127-145. 2022.
- Smith, J., Johnson, L., & Lee, M. A Qualitative Meta-Analysis of Language Learning Applications: Insights for Policy and Practice. Journal of Educational Technology, 42(3), 389-405. 2019.
- Smith, J., Johnson, R., & Williams, A. The effectiveness of Duolingo in vocabulary learning: A qualitative meta-analysis. Journal of Applied Linguistics, 18(3), 234-251. 2022.
- Susanto, A., & Novianti, F. (2018). Exploring the role of Duolingo's adaptive learning system in vocabulary acquisition among Indonesian learners. Indonesian Journal of Applied Linguistics, 3(2), 181-196.
- Vesselinov, R., & Grego, J., Duolingo effectiveness study: Final report. New York: City University of New York, 07, 2012
- Vos, J., & Gunawan, I. (2020). Evaluating the Effectiveness of Duolingo as a Supplementary Tool for English Language Learning in Indonesia. The Journal of Language Teaching and

## REPOSITORI IAIN KUDUS

Learning, 10(2), 85-103.

Wulandari, R., & Arsyad, N. (2019). The Impact of Duolingo on Vocabulary Learning Motivation Among Indonesian University Students. Journal of Language Teaching and Learning, 25(2), 67-82.

Zamzami Faiq M., The Effect of Using Duolingo Application Through Students' Vocabulary Mastery, 05, 2019

Zein Subhan, English Language Education in Indonesia: A Review of Research (2011-2019), 04, 2020

