

REFERENCES

- [1] C. M. Chen, L. C. Chen, and S. M. Yang, "An English vocabulary learning app with self-regulated learning mechanism to improve learning performance and motivation," *Comput. Assist. Lang. Learn.*, vol. 32, no. 3, pp. 237–260, 2019, doi: 10.1080/09588221.2018.1485708.
- [2] P. Ajisoko, "The use of Duolingo apps to improve English vocabulary learning," *Int. J. Emerg. Technol. Learn.*, vol. 15, no. 7, pp. 149–155, 2020, doi: 10.3991/IJET.V15I07.13229.
- [3] K. N. N. Bakti, "Vocabulary Learning Strategies Used by Junior High School Students," *Indones. J. English Lang. Stud.*, vol. 3, no. 2, pp. 44–59, 2018, doi: 10.24071/ijels.v3i2.1064.
- [4] R. Chartrand, "Advantages and Disadvantages of Using Mobile Devices in a University Language Classroom," pp. 1–13, 2016, [Online]. Available: http://repository.kurume-u.ac.jp/dspace/bitstream/11316/445/1/gaikens23_1-13.pdf
- [5] A. A. M. H. Al-Ahdal and M. A. Alharbi, "MALL in Collaborative Learning as a Vocabulary-Enhancing Tool for EFL Learners: A Study Across Two Universities in Saudi Arabia," *SAGE Open*, vol. 11, no. 1, 2021, doi: 10.1177/2158244021999062.
- [6] K. Teske, "Learning Technology Review -Duolingo," *Calico J. Issn 2056–9017*, vol. 34, pp. 393–401, 2017.
- [7] P. Ajisoko, "Using Duolingo Apps To Improve English Reading Comprehension of Engineering Students in Universitas Borneo Tarakan," *Expo. J. Pendidik. Bhs. Ingg.*, vol. 11, no. 1, pp. 1–6, 2022, doi: 10.26618/exposure.v11i1.6452.
- [8] R. Li, "MALL Reading Li 2020," vol. 25, pp. 15–29, 2022.
- [9] A. Abdullah, "EFL learners' experience of a MALL-based vocabulary learning tool," *Indones. J. Appl. Linguist.*, vol. 10, no. 2, pp. 283–291, 2020, doi:

10.17509/ijal.v10i2.28590.

- [10] D. Ratnawati, "The Correlation Between Vocabulary Mastery and Reading Comprehension: the Case of the Seventh Grade Students of SMP N 13 Semarang in the Academic Year 2005 / 2006," pp. 1–84, 2006, [Online]. Available: <http://lib.unnes.ac.id/1172/1/2072.pdf>
- [11] P. A. Widiana, M. H. Santosa, and I. P. N. W. Myartawan, "Tenth-grade student' perception toward mobile assisted language learning (MALL) in learning English in Buleleng regency in the academic year 2017/2018," *e-Journal JPBI Univ. Pendidik. Ganesha*, vol. 5, no. 2, pp. 1–13, 2018.
- [12] P. D. Sugiyono, *Metode Penelitian Kuantitatif Kualitatif dan R&D*, Cetakan ke. YOGYAKARTA: ALFABETA CV, 2020.
- [13] J. W. Creswell and J. D. Creswell, *Mixed Methods Procedures*. 2018.
- [14] M. Prof.Dr. Saifuddin Azwar, *Reliabilitas dan Validitas*, Edisi IV,. YOGYAKARTA: PUSTAKA PELAJAR, 2012.
- [15] C. T. K.-H. Stadtländer, "Qualitative, Quantitative, and Mixed-Methods Research," *Microbe Mag.*, vol. 4, no. 11, pp. 485–485, 2009, doi: 10.1128/microbe.4.485.1.
- [16] Zakir Hussain, "The Effects of Ict-Based Learning on Students' Vocabulary Mastery in Junior High Schools in Bandung," *Int. J. Educ.*, vol. 10, no. 2, pp. 149–156, 2018.
- [17] R. Gushendra, "An Experimental Study: Improving Students' Vocabulary Mastery By Using English Songs," *Indones. J. Integr. English Lang. Teach.*, vol. 3, no. 1, pp. 53–64, 2017, doi: 10.24014/ijielt.v3i1.3968.
- [18] A. Aziz and I. Fageeh, "Arab World English Journal العربي العامل يف ية الانلكزي للغة ا جمئل Effects of MALL Applications on Vocabulary Acquisition and الجمئل", vol. 4, no. 4, pp. 420–447, 2013, [Online]. „Awej ”, Motivation Available: www.awej.org

