## **REFERENCES**

- Abramovich, S. & Schunn, C. et al(2013). Are badges useful in education?:Itdepends upon the type of badge and expertise of learner. Educational Technology Research and Development,
- Abukhattala, I. (2013). Krashen's Five Proposals on Language Learning: Are They Valid in Libyan EFL Classes. English Language Teaching.
- Altenaichinger, A. (2003). Second language acquisition: The interface between theory and practice.
- Alkhezzi, F., & Al-Dousari, W. (2016). *The Impact of Mobile Learning on ESP Learners' Performance*. Journal of Educators Online, 13(2), 73-101.
- Ambridge, B., & Lieven, E. V. (2011). *Child language acquisition: Contrasting theoretical approaches*. Cambridge University Press.
- Anjomshoa, L. & Sadigi, F. (2015). *The Importance of Motivation in Second Language Acquisition*. International Journal on Studies in English Language and Literature.
- Arsyad, A. (2011). Media Pembelajaran. Jakarta: Raja Grafika Persada
- Bahjet Essa Ahmed, Heba, *Duolingo as a Bilingual Learning App: A Case Study* (July 26, 2016). Arab World English Journal (AWEJ) Volume.7 Number.2 June, 2016
  AvailableatSSRN:https://ssrn.com/abstract=2814822orhttp://dx.doi.org/10.2139/ssr 2814822
- Balagtas-Fernandez, F., Forrai, J., & Hussmann, H. (2009, August). Evaluation of user interface design and input methods for applications on mobile touch screen devices. In *IFIP Conference on Human-Computer Interaction* (pp. 243-246). Springer, Berlin, Heidelberg.
- Blake, R. (2016). Technology and the four skills In Language Learning and Technology.
- Brown H. Douglas. 2001. "Intrinsic Motivation in The Classroom". *Teaching By Principles, an integrative approach to language pedagogy,* 2nd edition, San Fransisco: Perason Education
- Brown, H. douglas. (2007) *Principle of language learning teaching, fifth edition*, United State of America.

- Cheng. (n.d.). A Mobile Device and Online System with Contextual Familiarity and its Effec: EBSCOhost. Retrieved July 31, 2018, from http://web.a.ebscohost.com/ehost/pdfviewer/pdfviewer?vid=0&sid=424c1 15f -a0d2-4ca7-aa51-2d8007682d9a%40sessionmgr4008
- Chun, D. M. (2016). *The role of technology in SLA research*. Language Learning & Technology, 20(2), 98-115.
- Clarke, I., Flaherty, T. B., & Mottner, S. (2001). *Student Perceptions of Educational Technology Tools*. Journal of Marketing Education, 23(3), 169–177. https://doi.org/10.1177/0273475301233002
- Collier, V. P. (1988). *The Effect of Age on Acquisition of a Second Language for School*. Occasional Papers in Bilingual Education.
- Csizér, K., & Dörnyei, Z. (2005). The internal structure of language learning motivation and its relationship with language choice and learning effort.

  Modern Language Journal. https://doi.org/10.1111/j.0026-7902.2005.00263.x
- Deterding, S., Dixon, D., Khaled, R., Nacke, L (2011). From game design elements to game fulness: defining "gamification". In: 15th International Academic Mind Trek Conference: Envisioning Future Media Environments, pp. 9–15
- Dillenbourg, P. (1999). What do you mean by collaborative learning? Dillenbourg, P. (ed.). Collaborative-Learning: Cognitive and Computational Approaches. Oxford: Elsevier, 1-19.
- Dominguez, A & Saenz, J. et al. (2013). *Gamifying learning experiences: Practical implications and outcomes*. International Journal of Gamification
- Dini Ariani. (2013). Skripsi: "Pengembangan Program Pembelajaran Bahasa Inggris Untuk Siswa Dislexsia di SMPN 15 Sukabumi", (Universitas Pendidikan Indonesia)
- Duolingo. (2016). Retrieved January 15, 2016, from http://www.duolingo.com/ Gamification Teardown :Duolingo. https://blog.captainup.com/how gamification makes-language-learning-even-more-awesome-on-duolingo/
- Garcia, I. (2013). Learning a Language for Free While Translating the Web. Does Duolingo Work? International Journal of English Linguistics, 3(1), 19-25. Retrieved from http://dx.doi.org/10.5539/ijel.v3n1p19.

- Gardner, R., & Lambert, W. (1972). Attitudes And Motivation In Second Language
  Learning. Rowley, MA: Newbury House.
- Gåsland, M. (2011). *Game mechanic based e-learning. Science And Technology, Master Thesis* (June 2011). Retrieved May 04, 2018
  fromhttp://ntnu.divaportal.org/smash/get/diva2:441760/FULLTEXT01
- Ghazali, F. A. (2006). First Language Acquisition Vs Second Language Learning: What is the Difference?. The University of Birmingham / The Centre for
- Goehle, G. (2013). *Gamification and web-based homework*. PRIMUS: Problems, Resources, and Issues in Mathematics Undergraduate Studies English Language Studies (CELS).
- Graham, C. (1984) Beyond integrative motivation: The development and influence of assimilative motivation. Paper presented at the TESOL Convention, Houston, TX.
- Gilson, Z., Wells, T., & Tatro, L. (2012). *Opportunities for Foreign Language Learning Through New Media*. Retrieved February 13, 2015, from http://www.lmtatro.com/documents/opportunitiesforfll.pdf
- Habibie, A. (2020). Duolingo As An Educational Language Tool To Enhance Efl Students' motivation In Writing. British (Jurnal Bahasa dan Sastra Inggris), 9(1), 13-26.
- Haynes, C. (2007). Experiential learning: Learning by doing.
- Hamalik, oemar. (1982). *Pengajaran unit : study kurikulum dan methodology. Bandung:* PT ALUMNI
- Hamidi, H., & Chavoshi, A. (2018). Analysis of the essential factors for the adoption of mobile learning in higher education: A case study of students of the University of Technology. *Telematics and Informatics*, 35(4), 1053-1070.
- Heil, C. R., Wu, J. S., Lee, J. J., & Schmidt, T. (2016). *A Review of Mobile Language Learning Applications: Trends, Challenges, and Opportunities*. The Eurocall Review, 24(2), 32-50
- Hogue, M. E. (2017). An introduction to the second language acquisition. Language Acquisition, 1-23

- J. Amos Hatch, "Doing Qualitative research in Education Setting", (State University: New York Press, 2002)
- J. Tara Brigham. (2015). An introduction to gamification: Adding game elements for engagement, Medical Reference Services Quarterly, vol. 34, no. 4, pp. 471-480
- John W. Creswell, "Educational Research: Planning, Conducting, Evaluating Quantitative and Qualitative Research", (Addison Wesley, 2011), 213
- Kapp, K. M. (2013). The gamification of learning and instruction field book: *Ideas into practice*. John Wiley & Sons.
- Kenning, M. (2007) *ICT and language learning from print to the mobile phone*. New York: N.Y.
- Kenny, E. (2014). Strength and Weaknesses of Duolingo. Retrieved January 1, 2020, from https://prezi.com/e4zxf67a-tvy/strengths-and-weaknesses-of-duolingo/
- Kessler, G. (2018). *Technology and the future of language teaching*. Foreign Language Annals, 51(1), 205–218. https://doi.org/10.1111/flan.12318
- Ketyi, A. (2016). From Mobile Language Learning to Gamification: an Overlook of Research Results with Business Management Students over a Five-Year Period. Porta Ling arum, pp. 45-60.
- Khasinah, S. (2014). Factors Influencing Second Language Acquisition. Englisia, 1(2), 256-269
- Lan, Y.-F., & Sie, Y.-S. (2010). *Using RSS to support mobile learning based on media richness theory*. Computers & Education, 55(2), 723–732. https://doi.org/10.1016/j.compedu.2010.03.005
- Louissse Kelly, (2008) thesis: "Teenagers Perceptions of Advertising in the Online Social Networking Environment: An Exploratory Study", (Queensland University of Technology)
- Lowenthal, J. N. (2010) Using Mobile Learning: Determinates Impacting Behavioral Intention. *American Journal of Distance Education*, 24(4), 195-206. doi http://dx.doi.org/10.1080/08923647. 2010.519947

- Lida, H., Takeshita, N., Yoshimura, J.: *A metric for entertainment of board games: its implication for evolution of chess variants.* In: Nakatsu, R., Hoshino, J. (eds.) Entertainment Computing. ITIFIP, vol. 112, pp. 65–72. Springer, Heidelberg (2003). doi:10.1007/978-0-387-35660-0 8
- Mason, R. a Rennie, F. *E-learning: the key concepts*. London: Routledge, 2006, xxxviii, 158 s. ISBN 0415373069
- Maslow, A. H., Honigmann, J. J., & Mead, M. (1970). Synergy: Some Notes of Ruth Benedict 1. *American Anthropologist*, 72(2), 320-333
- Mayer R., & Johnson, C. (2010). Adding instructional features that promot elearning in a game-like environment. Journal of Educational Computing Research,
- Mekler, E & Brühlmann, F. et al (2013). Disassembling gamification: The effects of points and meaning on user motivation and performance.
- Mercer, N., & Howe, C. (2012). Explaining the dialogic processes of teaching and learning: The value and potential of sociocultural theory. Learning, Culture, and Social Interaction, 1 (1), 12-21.
- Munday, Pilar, The Case of Using DUOLINGO as Part of Language Classroom Experience, Sacred Heart University (Estados Unidos), RIED V,19,1,2016,PP.83-101
- Muddin, Addal. *The Use of Duolingo to Improve Students' Vocabulary*. Diss. UIN Ar-Raniry Banda Aceh, 2018.
- Munday, P., & Espinoza, A. (2014). *Contents of Duolingo's Spanish Tree*. Retrieved from:https://docs.google.com/spreadsheets/d/1xWgqFo6gxyBNGAKUO7 93KUGmIfZeRzH9 QwomCDqD4/edit?usp=sharing
- Muntean, C.I.: Raising engagement in e-learning through gamification. In: 6<sup>th</sup> International Conference on Virtual Learning (ICVL2012), pp. 323–329 (2011)
- Naismith, L., & Corlett, D. (2017). Proceedings of the 16th World Conference on Mobile and Contextual Learning mLearn 2017. https://doi.org/10.1145/3136907

- Nemati, M. and Taghizadeh, M. (2013). *Exploring Similarities and Differences between L1 and L2*. International Research Journal of Applied and Basic Sciences
- Nushi, M., & Eqbali, M. H. (2017). Duolingo: A Mobile Application to Assist Second Language Learning. Teaching English with Technology, 17(1), 89-98.
- Oulasvirta, A., Wahlström, M., & Ericsson, K. A. (2011). What does it mean to be good at using a mobile device? An investigation of three levels of experience and skill. *International journal of human-computer studies*, 69(3), 155-169.
- Oxford Learner's Pocket Dictionary. 2008. Oxford University Press
- Pandey, V. C. (2005). *Intelligence and motivation*. Delhi: Isha Books
- Pigada, M. and Schmitt, N. (2006). Vocabulary Acquisition from Extensive Reading: A Case Study. Reading in a Foreign Language
- Rafik, F. M. (2005). Storytelling and Vocabulary Acquisition at the Elementary Level. (Dissertation submitted in partial fulfilment of the requirements for the Magister degree in Linguistic Science and English Language Teaching). Mentouri University.
- Saville-Troike, M. (2006). *Introducing Second Language Acquisition*. Cambridge:

  Cambridge University Press
- Seaborn, K., & Fels, D. I. (2015). Gamification in theory and action: A survey. *International Journal of human-computer studies*, 74, 14-31.
- Shadiev, R., Hwang, W. Y., & Huang, Y. M. (2017). Review of research on mobile language learning in authentic environments. *Computer Assisted Language Learning*, 30(3-4), 284-303.
- Singh, D., & Bakar, Z. A. (2006). Mobile learning in wireless classrooms. Malaysian Online Journal of Instructional Technology (MOJIT), 3(2), 26-
- Steinberg, L. (2001) We Know Some Things: Parent-Adolescent Relationships in Retrospect and Prospect. Journal of Research on Adolescence

- Stott, A. & Neustaedter, C. (2013) *Analysis of Gamification in Education, Technical*. Retrieved from http://clab.iat.sfu.ca/pubs/Stott-Gamification.pdf
- Stringer, L. (2016). *Getting started with Duolingo for Schools*. Retrieved from https://www.linkedin.com/pulse/getting-started-duolingo-schools-louise-stringer on 9th February 2019.
- Stockwell, G. (2013). *Technology and Motivation in English-Language Teaching and Learning*. In International Perspectives on Motivation. https://doi.org/10.1057/9781137000873\_9
- Teske, K. 2017. Duolingo. Calico Journal. 2056-9017.
- Tsinakos, A., & Ally, M. (2013). *Global mobile learning implementation and trends*. Beijing, China: CRTVU Press.
- Turner, C & Dierksheide, J. et al. (2014). *Learn2Mine: Data science practice and education through gameful experiences*. International Journal of e-Education, e-Business, e-Management, and e-Learning
- Turloiu, A., & Stef nsd ttir, S. (2011). Learner Autonomy Theoretical and Practical Information Ffor Language Teachers. DOI: skemman.is/stream/get/1946/7668/19634/1/
- Farooq, U., Schafer, W., Rosson, M. B., & Carroll, J. M. (2002, August). Meducation: bridging the gap of mobile and desktop computing. In *Proceedings. IEEE International Workshop on Wireless and Mobile Technologies in Education* (pp. 91-94). IEEE.
- Giuseppe, L. (2002). Mobile and nomadic user in e-learning: the Akogrimo case, sixth framework programme, Information Society, Fisciano, Italy.
- Vesselinov, R., & Grego, J. (2012). *Duolingo effectiveness study: Final report*. New York: City University of New York. Retrieved May 12, 2018 from http://static.duolingo.com/s3/DuolingoReport\_Final.pdf.
- Volet, S., Summers, M., & Thurman, J. (2009). High-level co-regulation in collaborative learning: Howdoes it emerge and how is it sustained? Learning and Instruction,19(2),128-143.https://dx.doi.org/org/10.1016/j.learninstruc.2008.03.001

- Wasserman, A. I. (2010, November). Software engineering issues for mobile application development. In *Proceedings of the FSE/SDP workshop on Future of software engineering research* (pp. 397-400).
- Williams, M., & Burden, R. (1997) *Psychology for language teachers: A social constructivist approach*. Cambridge, UK: Cambridge University press.
- Wright A, David B, & Michael B (2006) Games for Language Learning Third Edition. Cambridge university press.
- Yaqin, I. (2016). The Implementation Of Animation Video To Improve The Students' English Mastery Of Vocabulary At The Seventh Graders Of Smp Ahmad Yani 4, Bojonegoro. Thesis, English Education Department Faculty Of Education And Teacher Training State Islamic University Of Sunan Ampel Surabaya.