

REFERENSI

- [1] "Alian Butterfly Park: Mengamati Metamorfosis Kupu-Kupu Secara Langsung," National Geographic. [Online]. Available: <https://nationalgeographic.grid.id/read/13301658/alian-butterfly-park-mengamati-metamorfosis-kupu-kupu-secara-langsung> (accessed Nov. 05, 2021).
- [2] R. Korpella, "What do Butterflies do for the Environment?" Sciencing. [Online]. Available: <https://sciencing.com/what-do-butterflies-do-environment-4580181.html> (accessed Nov. 05, 2021).
- [3] I. D. G. Sugihamretha, "Respon Kebijakan: Mitigasi Dampak Wabah COVID-19 Pada Sektor Pariwisata," jpp, vol. 4, no. 2, pp. 191–206, Jun. 2020, doi: 10.36574/jpp.v4i2.113.
- [4] P. Mohanty, A. Hassan, and E. Ekis, "Augmented reality for relaunching tourism post-COVID-19: socially distant, virtually connected," WHATT, vol. 12, no. 6, pp. 753–760, Dec. 2020, doi: 10.1108/WHATT-07-2020-0073.
- [5] A. B. Craig, Understanding Augmented Reality: Concepts and Applications. Elsevier Science, 2013. [Online]. Available: https://books.google.co.id/books?id=7_O5LaIC0SwC
- [6] Y. D. Puspitarini and M. Hanif, "Using Learning Media to Increase Learning Motivation in Elementary School," Anatolian Journal of Education, vol. 4, no. 2, pp. 53–60, Oct. 2019.
- [7] N. H. Safaat, ANDROID, Pemrograman Aplikasi Mobile Smartphone dan Tablet PC Berbasis Android. Informatika, 2012.
- [8] L. C. Adiputri, M. N. Fauzan, and N. Riza, Tutorial Pembuatan Protipe Prediksi Ketinggian Air (PKA) Dan Augmented Reality Berbasis IoT Versi 2. Kreatif, 2020. [Online]. Available: <https://books.google.co.id/books?id=RRH9DwAAQBAJ>
- [9] R. Ardhi Harlanto, "Berkenalan dengan Fitur-Fitur Unity 3D | Berita | Gamelab Indonesia," GAMELAB Indonesia. [Online]. Available: <https://www.gamelab.id/news/211-berkenalan-dengan-fitur-fitur-unity-3d> (accessed Nov. 06, 2021).
- [10] M. Romilly, "12 Best Augmented Reality SDKs" Dzone. [Online]. Available: <https://dzone.com/articles/12-best-augmented-reality-sdks> (accessed Nov. 07, 2021).
- [11] U. Technologies, "Unity's AR Foundation Framework" Unity. [Online]. Available: <https://unity.com/unity/features/arfoundation> (accessed Nov. 23, 2021).
- [12] Akbar, "Apa itu AR Foundation? | Pengertian AR Foundation," Akbar Project, Feb. 20, 2021. [Online]. Available: <https://akbarproject.com/apa-itu-ar-foundation/> (accessed Nov. 24, 2021).
- [13] "Get Blender," Microsoft Store. [Online]. Available: <https://www.microsoft.com/en-us/p/blender/9pp3c07gtvrh> (accessed Nov. 07, 2021).
- [14] Blender Foundation, "Home of the Blender project - Free and Open 3D Creation Software," blender.org. [Online]. Available: <https://www.blender.org/> (accessed Nov. 08, 2021).
- [15] F. B. Prayoga, A. E. Permanasari, "Pengembangan Aplikasi Permainan Edukasi Berbasis Augmented Reality sebagai Media Pembelajaran di Alian Butterfly Park," Tugas Akhir Universitas Gadjah Mada, 2020.
- [16] M. Abdinejad, C. Ferrag, Hossain. S. Qorbani, and S. Dalili, "Developing a Simple and Cost-Effective Markerless Augmented Reality Tool for Chemistry Education," J. Chem. Educ., vol. 98, no. 5, pp. 1783–1788, May 2021, doi: 10.1021/acs.jchemed.1c00173.
- [17] H. Mitsuhara, C. Tanimura, J. Nemoto, and M. Shishibori, "Expressing Disaster Situations for Evacuation Training Using Markerless Augmented Reality," Procedia Computer Science, vol. 192, pp. 2105–2114, 2021, doi: 10.1016/j.procs.2021.08.218.
- [18] N. M. Sudiartini, I. G. M. Darmawiguna, and I. M. G. Sunarya, "Pengembangan Aplikasi Markerless Augmented Reality Balinese Story 'Calon Arang'" Jurnal Pendidikan Teknologi

- dan *Kejuruan*, vol. 13, no. 2, pp. 233–242, 2016, doi: <http://dx.doi.org/10.23887/jptk-undiksha.v13i2.8531>
- [19] T. N. Arvanitis, A. Petrou, J. F. Knight, S. Savas, S. Sotiriou, M. Gargalakos, and E. Gialouri, “Human factors and qualitative pedagogical evaluation of a mobile augmented reality system for science education used by learners with physical disabilities,” *Pers. Ubiquitous Comput.*, vol. 13, no. 3, pp. 243–250, Nov. 2007.
 - [20] P. Chen, X. Liu, W. Cheng, and R. Huang, “A review of using Augmented Reality in Education from 2011 to 2016,” in *Innovations in Smart Learning*, E. Popescu, Kinshuk, M. K. Khribi, R. Huang, M. Jemni, N.-S. Chen, and D. G. Sampson, Eds. Singapore: Springer Singapore, 2017, pp. 13–18. doi: 10.1007/978-981-10-2419-1_2.
 - [21] Z. Tacgin, *Virtual and Augmented Reality: An Educational Handbook*. Cambridge Scholars Publishing, 2020. [Online]. Available: <https://books.google.co.id/books?id=3UbhDwAAQBAJ>
 - [22] “Types of AR,” *Digital Promise*. [Online]. Available: <https://digitalpromise.org/initiative/360-story-lab/360-production-guide/investigate/augmented-reality/getting-started-with-ar/types-of-ar/> (accessed Nov. 10, 2021).
 - [23] S. Schechter, “What is markerless Augmented Reality?,” *Marxent*, May 10, 2014. [Online]. Available: <https://www.marxentlabs.com/what-is-markerless-augmented-reality-dead-reckoning/> (accessed Nov. 10, 2021)
 - [24] N. F. Shaikh, A. Kunjir, J. Shaikh, and P. N. Mahalle, *COVID-19 Public Health Measures: An Augmented Reality Perspective*. CRC Press, 2021. [Online]. Available: <https://books.google.co.id/books?id=YG0rEAAAQBAJ>
 - [25] A. Altvater, “What Is SDLC? Understand the Software Development Life Cycle,” *Stackify*, Apr. 08, 2020. [Online]. Available: <https://stackify.com/what-is-sdlc/> (accessed Nov. 10, 2021).
 - [26] M. Prabowo, *METODOLOGI PENGEMBANGAN SISTEM INFORMASI*. LP2M Press IAIN Salatiga. [Online]. Available: <https://books.google.co.id/books?id=UI8dEAAAQBAJ>
 - [27] “What is Waterfall Model in Software Development Life Cycle,” *Toolsqa*, [Online]. Available: <https://www.toolsqa.com/software-testing/waterfall-model/> (accessed Nov. 10, 2021).
 - [28] “SDLC - Agile Model,” *Tutorials Point*, [Online]. Available: https://www.tutorialspoint.com/sdlc/sdlc_agile_model.htm (accessed Nov. 10, 2021).
 - [29] “Feature Driven Development (FDD) and Agile Modeling,” *Agile Modeling*, [Online]. Available: <http://www.agilemodeling.com/essays/fdd.htm> (accessed Nov. 13, 2021).
 - [30] S. Kurt, “ADDIE Model: Instructional Design - Educational Technology,” *Educational Technology*, Dec 16, 2018. [Online]. Available: <https://educationaltechnology.net/the-addie-model-instructional-design/> (accessed Nov. 15, 2021).
 - [31] Z. Gatis, “Marker-based vs markerless augmented reality: pros & cons” *Overly*, Oct. 18, 2019. [Online]. Available: <https://overlyapp.com/blog/marker-based-vs-markerless-augmented-reality-pros-cons-examples/> (accessed Nov. 15, 2021).
 - [32] T. Thesing, C. Feldmann, and M. Burchardt, “Agile versus Waterfall Project Management: Decision Model for Selecting the Appropriate Approach to a Project,” *Procedia Computer Science*, vol. 181, pp. 746–756, 2021, doi: 10.1016/j.procs.2021.01.227.
 - [33] I. W. A. Arimbawa, “Feature Driven Development (FDD), Apakah Bisa Disebut Agile?,” *STMIK Lombok*. 2013. [Online]. Available: https://www.academia.edu/32973225/Feature_Driven_Development_dan_Agile_Method (accessed Nov. 18, 2021).
 - [34] W. K. Yana, “Multimedia Learning Theory – Theoretical Models for Teaching and Research.”



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<https://opentext.wsu.edu/theoreticalmodelsforteachingandresearch/chapter/multimedia-learning-theory/> (accessed Jul. 17, 2022).

- [35] R. Moreno, & R. E. Mayer. "Cognitive principles of multimedia learning: The role of modality and contiguity," *Journal of Educational Psychology*, 91(2), pp. 358-368, 1999, doi:10.1037/0022-0663.91.2.358.
- [36] R. E. Mayer, & R. Moreno, "Nine ways to reduce cognitive load in multimedia learning," *Educational Psychologist*, 38(1), pp. 43-52, 2003, doi:10.1207/S15326985EP3801_6