

DAFTAR PUSTAKA

- Ardianto, N. (2025). *Panduan: Apa itu Google Gemini API dan Bagaimana Cara Menggunakannya?* Apidog. <https://apidog.com/ig/blog/google-gemini-api-4/>
- Bauer, E., Richters, C., Pickal, A. J. ., Klippert, M., Sailer, M., & Stadler, M. (2025). Effects of AI-generated adaptive feedback on statistical skills and interest in statistics: A field experiment in higher education. *British Journal of Educational Technology*, 56(5), 1735–1757. <https://doi.org/10.1111/bjet.13609>
- Brusilovsky, P., & Millán, E. (2007). User models for adaptive hypermedia and adaptive educational systems. *The Adaptive Web*, 4321, 3–53. http://scholar.google.com.ezp.lib.unimelb.edu.au/scholar?hl=en&lr=&q=info:xGF_pSi0ug4J:scholar.google.com/&output=search
- Chen, L., Chen, P., & Lin, Z. (2020). Artificial Intelligence in Education: A Review. *IEEE Access*, 8, 75264–75278. <https://doi.org/10.1109/ACCESS.2020.2988510>
- Coursera. (2024, November 26). *What Is Unity?* | Coursera. <https://www.coursera.org/articles/what-is-unity>
- Dharma Kusuma, A. (2021). *Apa itu Wireframe? Perbedaan Wireframe, Mockup, dan Prototype*. Dicoding Blog. <https://www.dicoding.com/blog/wireframe-adalah/>
- Dicoding. (2021). *Contoh Use Case Diagram Lengkap dengan Penjelasannya*. Dicoding Blog. <https://www.dicoding.com/blog/contoh-use-case-diagram/>
- Facione, P. A. (2011). Critical Thinking : What It Is and Why It Counts. *Insight Assessment*, ISBN 13: 978-1-891557-07-1., 1–28. <https://www.insightassessment.com/CT-Resources/Teaching-For-and-About-Critical-Thinking/Critical-Thinking-What-It-Is-and-Why-It-Counts/Critical-Thinking-What-It-Is-and-Why-It-Counts-PDF>
- Gee, J. P. (2007). *What Video Games Have to Teach Us About Learning and Literacy*.
- Holmes, W., & Tuomi, I. (2022). State of the art and practice in AI in education. *European Journal of Education*, 57(4), 542–570. <https://doi.org/10.1111/ejed.12533>

- Kassenkhan, A. M., Moldagulova, A. N., & Serbin, V. V. (2025). Gamification and Artificial Intelligence in Education : A Review of Innovative Approaches to Fostering Critical Thinking. *IEEE Access*, 99, 1. <https://doi.org/10.1109/ACCESS.2025.3576147>
- Laamarti, F., Eid, M., & El Saddik, A. (2014). IJFS 2020 - An overview of serious games (needed to review Sen X). *International Journal of Computer Games Technology*, 2014.
- Mihaly, C. (1990). *Flow: The Psychology of Optimal Experience*. <https://doi.org/10.5465/amr.1991.4279513>
- Millington, I. (2019). Artificial Intelligence for Games. In *Artificial Intelligence for Games*. <https://doi.org/10.1201/b13169>
- OECD. (2019). The Programme for International Student Assessment (PISA). *Science*, 333(3), 1–117. https://www.oecd.org/content/dam/oecd/en/about/programmes/edu/pisa/publications/national-reports/pisa-2018/featured-country-specific-overviews/PISA2018_CN_IDN.pdf
- Perdomo, B., & Pérez, C. P. (2025). Research on Serious Games: Bibliometric Study of Current Status and Future Trends. *TEM Journal*, 14(1), 805–815. <https://doi.org/10.18421/TEM141-71>
- Plass, J. L., Homer, B. D., & Kinzer, C. K. (2015). Foundations of Game-Based Learning. *Educational Psychologist*, 50(4), 258–283. <https://doi.org/10.1080/00461520.2015.1122533>
- Qian, M., & Clark, K. R. (2016). Game-based Learning and 21st century skills: A review of recent research. *Computers in Human Behavior*, 63, 50–58. <https://doi.org/10.1016/j.chb.2016.05.023>
- Roni, S. (2021). *Flowchart Adalah: Fungsi, Jenis, Simbol, dan Contohnya*. Dicoding Blog. <https://www.dicoding.com/blog/flowchart-adalah/>
- Russell, S., & Norvig, P. (2021). Artificial Intelligence : A Modern Approach, 4/E. In *Pearson Series in Artificial Intelligence*.
- Salsabila, S. S., & Gumindari, S. (2024). Pendekatan Konstruktivis Sosial Dalam Pembelajaran. *Educatioanl Journal: General and Specific Research*, 4(Februari), 170–178.
- Sugiarti, U. (2024). *Activity Diagram: Komponen, Elemen, Beserta Contohnya - Lawencon*. Lawencon. <https://www.lawencon.com/activity-diagram/>

- Tavakol, M., & Dennick, R. (2011). Making sense of Cronbach ' s alpha. *International Journal of Medical Education*, 2, 53–55. <https://doi.org/10.5116/ijme.4dfb.8dfd>
- Teo Filus. (2017). *Pengenalan Bahasa Pemrograman C#*. Codepolitan. <https://www.codepolitan.com/blog/pengenalan-bahasa-pemrograman-c-587effa1cb95b/>
- Unity. (2023). *Wondering what Unity is? Find out who we are, where we've been, and where we're going*. <https://unity.com/our-company>
- Unity Technologies. (2023). *Scripting in Unity for Experienced C# & C++ Programmers*. Unity. <https://unity.com/how-to/programming-unity>
- vom Brocke, J., Hevner, A., & Maedche, A. (2020). Introduction to Design Science Research. *Design Science Research*, 1–13. https://doi.org/10.1007/978-3-030-46781-4_1
- Wibowo, T., Pee, A. N. C., & Ahmad, I. (2024). The Barriers of Using Video Games as a Media for Teaching and Learning Purposes: A Case Study in Indonesia. *Journal of Informatics and Telecommunication Engineering*, 7(2), 587–596. <https://doi.org/10.31289/jite.v7i2.11333>
- Yuniawati, S. R. (2024). *Perbedaan UI/UX dan Pentingnya dalam Desain Digital*. Dicoding Blog. <https://www.dicoding.com/blog/perbedaan-ui-ux-dan-pentingnya-dalam-desain-digital/>