

DAFTAR PUSTAKA

- [1] D. Setiawan, “Analisis Potensi Metaverse pada Dunia Pendidikan di Indonesia,” *Jurnal Ilmiah Ilmu Pendidikan (JIIP)*, vol. 5, no. 11, pp. 4606–4610. 2022. doi: <https://doi.org/10.54371/jiip.v5i11.1>. Available: <http://Jiip.stkipyapisdompu.ac.id>
- [2] Andrian, “Kecemasan Siswa dalam Belajar Bahasa Inggris,” *Arus Jurnal Psikologi dan Pendidikan (AJPP)*, vol. 1, no. 3, pp. 62–76, Oct. 2022. doi: <https://doi.org/10.57250/ajpp.v1i3.106>
- [3] A. Aziz, “Penggunaan E-Learning sebagai Media dalam Proses Belajar Bahasa Inggris di Universitas Darwan Ali Sampit,” *Widya Wacana: Jurnal Ilmiah*, vol. XV, no. 1, pp. 56–62, Feb. 2020. doi: <https://doi.org/10.33061/j.w.wacana.v15i1.3514>
- [4] H. A. and R. Bau, “E-Learning Sebagai Komplemen dalam Pembelajaran: Perwujudan Akselerasi Transformasi Digital dalam Pendidikan,” *Jurnal Studi Kebijakan Publik*, vol. 2, no. 1, pp. 69–79, May 2023, doi: [10.21787/jskp.2.2023.69-79](https://doi.org/10.21787/jskp.2.2023.69-79).
- [5] R. Rifaldi, I. Nugroho, and I. Jaelani, “Perancangan User Interface dan User Experience Aplikasi Mobile Penjualan Souvenir dan Aksesoris pada Rumah Souvenir Purwakarta Menggunakan Metode Double Diamond,” *JATI (Jurnal Mahasiswa Teknik Informatika)*, vol. Vol. 8 No. 5, Oct. 2024.
- [6] K. N. Saffanah and R. Andrian, “Perancangan design UI/UX pada aplikasi Learning Management System guna meningkatkan efektivitas dan kepuasan pengguna menggunakan metode design thinking,” *Jurnal MNEMONIC*, vol. 7, no. 1, pp. 23–30, Feb. 2024, doi: [10.36040/mnemonic.v7i1.8474](https://doi.org/10.36040/mnemonic.v7i1.8474).
- [7] D. R. Alamsyah, M. G. Resmi, and I. Jaelani, “Design UI/UX E-Learning English Mobile using User Centered Design (UCD) method,” *Sinkron: Jurnal dan Penelitian Teknik Informatika*, vol. 7, no. 4, pp. 2434–2443, Oct. 2023, doi: [10.33395/sinkron.v8i4.12727](https://doi.org/10.33395/sinkron.v8i4.12727).
- [8] M. Angelica, D. Hidayat, and A. R. Adriyanto, “Penerapan metode design thinking pada perancangan UI/UX mobile apps sebagai media pendidikan moral untuk anak-anak,” *Amarasi: Jurnal Desain Komunikasi Visual*, vol. 4, no. 2, pp. 177–186, 2023, doi: [10.59997/amarasi.v4i02.2711](https://doi.org/10.59997/amarasi.v4i02.2711).
- [9] M. Raschintasofi and H. Yani, “Perancangan UI UX Aplikasi Learning Management System Berbasis Mobile dan Website Menggunakan Metode Design Thinking,” *Jurnal Manajemen Teknologi dan Sistem Informasi (JMS)*, vol. 3, no. 1, 2023, [Online]. Available: <http://ejournal.unama.ac.id/index.php/jms>
- [10] I. Gusti, N. Wiragunawan, S. Negeri, and K. Selatan, “Pemanfaatan Learning Management System (LMS) Dalam Pengelolaan Pembelajaran Daring Pada Satuan Pendidikan,” *Jurnal Inovasi Pendidikan Berbantuan Teknologi*, vol. 2, no. 1, pp. 82-89, 2022, doi: <https://doi.org/10.51878/edutech.v2i1.981>.

- [11] W. Watson and S. Watson, “An argument for clarity What are learning management systems, what are they not, and what should they become,” vol. 51, No. 2, Mar. 2007.
- [12] T. P. Rinjeni, V. Rahma Aulia, R. Rahmawati, T. L. Indayanti Sugata, I. Ramadhani Mukhlis, and P. Karunia Farista Ananto, “Personalisasi Gamifikasi Pembelajaran Transformasi Pendidikan Pemrograman Berbasis Mobile dengan Pendekatan MBTI,” *JEKIN - Jurnal Teknik Informatika*, vol. 4, no. 3, pp. 787–795, Dec. 2024, doi: 10.58794/jekin.v4i3.1076.
- [13] Design Council, “The Double Diamond.” Accessed: Jan. 22, 2025. [Online]. Available: <https://www.designcouncil.org.uk/our-resources/the-double-diamond/>
- [14] A. Ayuningtyas, E. F. Rahmawati, and T. Sagirani, “Penerapan Metode Double Diamond pada Desain User Interface Website,” *Jurnal Komunika: Jurnal Komunikasi, Media dan Informatika*, vol. 11, no. 1, pp. 11–22, Jan. 2023, doi: 10.31504/komunika.v11i1.4991.
- [15] E. F. Rahmawati *et al.*, “Penerapan Metode Double Diamond pada Desain User Interface Website,” *Jurnal Komunika: Jurnal Komunikasi, Media dan Informatika*, nol. 11 no. 1 2022, doi: <https://doi.org/10.31504/komunika.v11i1.4991>.
- [16] D. R. Alamsyah, M. G. Resmi, and I. Jaelani, “Design UI/UX E-Learning English Mobile Using User Centered Design (UCD) Method,” *Sinkron : Jurnal Dan Penelitian Teknik Informatika*, vol. 7, no. 4, pp. 2434-2443, doi: <https://doi.org/10.33395/sinkron.v8i4.12727>.
- [17] Nielsen Norman Group, “User Journeys vs. User Flows.” Accessed: Jan. 24, 2025. [Online]. Available: <https://www.nngroup.com/articles/user-journeys-vs-user-flows/>
- [18] Nielsen Norman Group, “Customer Journey Mapping.” Accessed: Jan. 24, 2025. [Online]. Available: <https://www.nngroup.com/articles/customer-journey-mapping/>
- [19] Interaction Design Foundation, “Empathy Mapping.” Accessed: Jan. 26, 2025. [Online]. Available: <https://www.interaction-design.org/literature/topics/empathy-mapping>
- [20] Nielsen Norman Group, “Empathy Mapping.” Accessed: Jan. 24, 2025. [Online]. Available: <https://www.nngroup.com/articles/empathy-mapping/>
- [21] C. Roos, M. Carla, and R. Morales, “User-Centered Methods on Established Products Developing a methodology to align already established products to a user-centered approach.”
- [22] Nielsen Norman Group, “Affinity Diagramming for Collaboratively Sorting UX Findings and Design Ideas.” Accessed: Feb. 01, 2025. [Online]. Available: <https://www.nngroup.com/articles/affinity-diagram/>

- [23] B. Ferreira, W. Silva, E. Oliveira, and T. Conte, “Designing personas with empathy map,” *Proceedings of the International Conference on Software Engineering and Knowledge Engineering, SEKE*, Knowledge Systems Institute Graduate School, 2015, pp. 501–505. doi: 10.18293/SEKE2015-152.
- [24] CareerFoundry, “How to Define a User Persona.” Accessed: Feb. 01, 2025. [Online]. Available: <https://careerfoundry.com/en/blog/ux-design/how-to-define-a-user-persona/>
- [25] Interaction Design Foundation, “Information Architecture.” Accessed: Jan. 26, 2025. [Online]. Available: <https://www.interaction-design.org/literature/topics/information-architecture>
- [26] D. Spencer, *A Practical Guide to Information Architecture*. Five Simple Steps, 2010.
- [27] Dicoding Team, “Wireframe Adalah? Fungsi, Jenis, dan Cara Membuatnya.” Accessed: Jan. 26, 2025. [Online]. Available: <https://www.dicoding.com/blog/wireframe-adalah/>
- [28] M. J. Narizki, R. A. Widjianto, and N. A. Prabowo, “Perancangan UI/UX Sistem Penerimaan Mahasiswa Baru Berbasis Perangkat Mobile dengan Metode Design Thinking,” *Journal of Information System Research (JOSH)*, vol. 4, no. 4, pp. 1127–1135, Jul. 2023, doi: 10.47065/josh.v4i4.3652.
- [29] J. Enterprise, *Pengantar Desain UI/UX*. Elex Media Komputindo, 2024.
- [30] 7ninjas, “Low-Fidelity vs. High-Fidelity Prototypes.” Accessed: Jan. 26, 2025. [Online]. Available: <https://medium.com/7ninjas/low-fidelity-vs-high-fidelity-prototypes-903a7befaa5a>
- [31] J. Rubin and D. Chisnell, *Handbook of Usability Testing: How to Plan, Design, and Conduct Effective Tests*. John Wiley & Sons, 2011.
- [32] J. Brooke, “SUS: a retrospective,” *JUS (Journal of Usability Studies)*, vol. 8, no. 2, pp. 29–40, Feb. 2013.
- [33] S. Aisyah *et al.*, “Evaluasi Usability Website Dinas Pendidikan Provinsi Riau Menggunakan Metode System Usability Scale,” *Jurnal Ilmiah Rekayasa dan Manajemen Sistem Informasi*, vol. 7, no. 2, pp. 125–132, 2021, [Online]. Available: <https://disdik.riau.go.id>.
- [34] A. Herlambang, A. Siswo, R. Ansori, and M. H. Syahbani, “Perancangan UI/UX Aplikasi Destinasi Wisata dan Tempat Kuliner Berbasis Android Menggunakan Metode User-Centered Design.”
- [35] I. Salamah, “Evaluasi Usability Website Polsri Dengan Menggunakan System Usability Scale.” [Online]. Available: www.polsri.ac.id.
- [36] H. Hosizah, F. Tamzil, and M. Wiharto, “Evaluasi Usability Electronic Integrated Antenatal Care (e-iANC),” 2020. [Online]. Available: www.e-ianc.net,

- [37] J. Nielsen, “The Theory Behind Heuristic Evaluations,” Nielsen Norman Group. Accessed: Jan. 24, 2025. [Online]. Available: <https://www.nngroup.com/articles/how-to-conduct-a-heuristic-evaluation/theory-heuristic-evaluations/>
- [38] J. Enterprise, *Mahir Desain UI/UX dengan Figma*. Elex Media Komputindo, 2024.
- [39] UXPlanet, “Using Maze for Rapid User Testing.” Accessed: Jan. 26, 2025. [Online]. Available: <https://uxplanet.org/using-maze-for-rapid-user-testing-58e4b1a34f23>
- [40] M. R. Anshari, A. P. Kuncoro, and P. Subarkah, “Designing UI/UX for elementary school e-learning using design thinking method,” *JURTEKSI (Jurnal Teknologi dan Sistem Informasi)*, vol. 10, no. 3, pp. 575–582, Jun. 2024, doi: 10.33330/jurteksi.v10i3.3177.
- [41] S. Aisyah *et al.*, “Evaluasi Usability Website Dinas Pendidikan Provinsi Riau Menggunakan Metode System Usability Scale,” *Jurnal Ilmiah Rekayasa dan Manajemen Sistem Informasi*, vol. 7, no. 2, pp. 125–132, 2021, [Online]. Available: <https://disdik.riau.go.id>.
- [42] I. F. Abiyyu, M. Y. A. Sahal, L. R. Maharani, I. Lailiyah, and S. Achmadi, “Penerapan metode design thinking pada perancangan user interface dan user experience aplikasi bimbingan belajar Bahasa Inggris online,” *JATI (Jurnal Mahasiswa Teknik Informatika)*, vol. 7, no. 1, pp. 182–188, Feb. 2023, doi: 10.36040/jati.v7i1.6224.