

DAFTAR PUSTAKA

- [1] M. N. Yati and N. Rochmawati, “Aplikasi Belajar Mengaji Berbasis Android,” 2018. Accessed: Aug. 23, 2024. [Online]. Available: <https://ejournal.unesa.ac.id/index.php/jurnal-manajemen-informatika/article/view/24587>
- [2] Badan Pengembangan dan Pembinaan Bahasa, “Mengaji,” Kementerian Pendidikan dan Kebudayaan. Accessed: Oct. 12, 2024. [Online]. Available: Kementerian Pendidikan dan Kebudayaan
- [3] S. Rahmawati, D. A. P. Ningrum, and A. M. B. Kurnia PS, “MODERNISASI PENDIDIKAN MENGAJI DI TENGAH PANDEMI DENGAN E-NGAJI,” *Jurnal Pendidikan Islam*, 2022.
- [4] F. Pradana, F. A. Bachtiar, and B. Priyambadha, “Seminar Nasional Teknologi Informasi dan Multimedia,” *UNIVERSITAS AMIKOM Yogyakarta*, 2018.
- [5] P. Bitrián, I. Buil, and S. Catalán, “Enhancing user engagement: The role of gamification in mobile apps,” *J Bus Res*, vol. 132, pp. 170–185, Aug. 2021, doi: 10.1016/j.jbusres.2021.04.028.
- [6] M. Strizic, “Aplikasi web vs. aplikasi seluler: mana yang harus Anda buat?,” Decode.
- [7] A. Carolina, T. Klock, I. Gasparini, and M. Soares Pimenta, “User-Centered Gamification for E-Learning Systems: A Quantitative and Qualitative Analysis of its Application,” *Interact Comput*, vol. 31, no. 5, 2019, doi: 10.1093/iwcomp/iwz028.
- [8] R. S. Kurnia and B. Pujiarti, “Perancangan User Interface dan User Experience Adaptive Mobile Learning Untuk Siswa Sekolah Menengah,”

- Journal of Computer System and Informatics (JoSYC)*, vol. 3, no. 4, pp. 430–437, Sep. 2022, doi: 10.47065/josyc.v3i4.2085.
- [9] V. Handayani, “Analisis dan Perancangan UI/UX Aplikasi E-Learning Berbasis Gamifikasi dengan Design Science Research Methodology (Studi Kasus : MIN 4 Jakarta),” 2021.
- [10] M. H. Fajry, L. Fanani, and H. Muslimah Az-Zahra, “Perancangan User Experience Aplikasi Pembelajaran Iqro menggunakan Pendekatan Gamifikasi,” 2023. [Online]. Available: <http://j-ptiik.ub.ac.id>
- [11] I. Khoudri and A. Khoudri, “Examining the Influence of Gamification on the Enjoyment, Engagement, and Motivation of Secondary School Students: A Case Study of Vevox Article History,” *International Journal of Current Educational Studies*, vol. 2023, no. 2, pp. 1–15, 2023, doi: 10.5281/zenodo.8422727.
- [12] N. I. Hayanto and S. Hansun, “Pembangunan Aplikasi Latihan Soal IPA SD dengan Gamifikasi dan Mersenne Twister,” 2020.
- [13] R. Smiderle, S. J. Rigo, L. B. Marques, J. A. Peçanha de Miranda Coelho, and P. A. Jaques, “The impact of gamification on students’ learning, engagement and behavior based on their personality traits,” *Smart Learning Environments*, vol. 7, no. 1, Dec. 2020, doi: 10.1186/s40561-019-0098-x.
- [14] T. Phunkaew, C. Phandan, and C. Wongwatkit, “Design and Evaluation of Interactive Learning Story and User Interface Prototyping for Mobile Responsive Learning Application,” 2019.
- [15] A. Yasmin Putriansyah and D. Trivena Yulianti, “Implementasi Desain Interaksi dan Gamifikasi Pada Aplikasi Learning Management System Sekolah,” 2022.
- [16] G. Nur A’idi, L. Fanani, and H. Tolle, “Evaluasi dan Perbaikan Pengalaman Pengguna Aplikasi ‘cQuran’ Menggunakan Metode Usability Testing dan Design Thinking,” 2021. [Online]. Available: <http://j-ptiik.ub.ac.id>

- [17] V. Handayani, R. Nisa, S. Amriza, T. Siti, and U. Masruroh, "Gamified Learning Platform Analysis for Designing a Gamification-Based UI / UX of E-learning Applications: A Systematic Literature Review."
- [18] S. Chernbumroong, P. Ariya, S. Yolthasart, N. Wongwan, K. Intawong, and K. Puritat, "Comparing the Impact of Non-Gamified and Gamified Virtual Reality in Digital Twin Virtual Museum Environments: A Case Study of Wieng Yong House Museum, Thailand," *Heritage*, vol. 7, no. 4, pp. 1870–1892, Apr. 2024, doi: 10.3390/heritage7040089.
- [19] H. L. O'Brien, P. Cairns, and M. Hall, "A practical approach to measuring user engagement with the refined user engagement scale (UES) and new UES short form," *International Journal of Human Computer Studies*, vol. 112, pp. 28–39, Apr. 2018, doi: 10.1016/j.ijhcs.2018.01.004.
- [20] H. Mardivta, M. Izman Herdiansyah, U. Bina Darma, J. Jenderal Ahmad Yani No, and P. Sur-el, "ANALISIS DAN PERANCANGAN SISTEM INFORMASI PENGELOLAAN ASET (STUDI KASUS: SATUAN KERJA TEKNOLOGI INFORMASI PT. BUKIT ASAM, TBK)," *Jurnal Ilmiah MATRIK*, vol. 24, no. 1, 2022.
- [21] A. A. Kurniawan and A. Hermawan, "Analisis dan Perancangan Sistem Manajemen Proyek Berbasis Web Rimbo Dua PTPN VI," *Jurnal Pengembangan Teknologi Informasi dan Komunikasi (JUPTIK)*, vol. 1, no. 2, pp. 44–51, Dec. 2023, doi: 10.52060/juption.v1i2.1615.
- [22] D. Maulidiyah, P. Studi Bimbingan Konseling Pendidikan Islam Fakultas Agama Islam, D. Himmawan, I. Rusydi, and A. Khotibul Umam, "PENINGKATAN NILAI SPIRITUAL ANAK MELALUI MENGAJI SORE DI DESA TOTORAN KECAMATAN PASEKAN KABUPATEN INDRAMAYU," 2021. [Online]. Available: www.islamicpedagogia.faiunwir.ac.id,
- [23] M. Q. Shihab *et al.*, "MEMBUMIKAN AL-QURAN Fungsi dan Peran Wahyu dalam Kehidupan Masyarakat," 1996.

- [24] G. Goel, P. Tanwar, and S. Sharma, "UI-UX Design Using User Centred Design (UCD) Method," in *2022 International Conference on Computer Communication and Informatics, ICCCI 2022*, Institute of Electrical and Electronics Engineers Inc., 2022. doi: 10.1109/ICCCI54379.2022.9740997.
- [25] A. Achmadi, D. Junaedi, and E. Darwiyanto, "REKOMENDASI USER INTERFACE PADA WEBSITE DIKTI MENGGUNAKAN METODE GOAL DIRECTED DESIGN USER INTERFACE RECOMMENDATION ON DIKTI WEBSITE USING GOAL DIRECTED DESIGN METHOD," 2017.
- [26] N. R. Wiwesa, "USER INTERFACE DAN USER EXPERIENCE UNTUK MENGELOLA KEPUASAN PELANGGAN," 2021.
- [27] T. W. Khusniyah, "EFEKTIVITAS E-LEARNING TERHADAP HASIL BELAJAR MAHASISWA PADA MATA KULIAH KONSEP DASAR IPS," *SAP (Susunan Artikel Pendidikan*, vol. 4, no. 3, 2020.
- [28] N. L. U. Chusna, "PEMBELAJARAN E-LEARNING," *Prosiding Seminar Nasional Pendidikan KALUNI*, vol. 2, Feb. 2019, doi: 10.30998/prokaluni.v2i0.36.
- [29] H. Alsadoon, "The Impact of Gamification on Student Motivation and Engagement: An Empirical Study على اندماجهم الطالب تحفيز على تطبيقية دراسة: التعلم في واندماجهم الطالب تحفيز على التلعيب أثر السعدون شهاب حماده * الإلكترونية السعودية الجامعة، النظرية اسات و الدر العلوم كلية The Impact of Gamification on Student ...," *Dirasat: Educational* ، السعودية .edu.v50i2.25/10.35516
- [30] I. M. Ružic and M. Dumancic, "Gamification in education," *Informatologia*, vol. 48, no. 3–4, pp. 198–204, Dec. 2015, doi: 10.3390/encyclopedia3040089.

- [31] A. , & E. E. Julianto, “METODE GAMIFICATION PADA PEMROGRAMAN DASAR TEKNIK KOMPUTER DAN INFORMATIKA DI SEKOLAH MENENGAH KEJURUAN,” *METODE GAMIFICATION PADA PEMROGRAMAN DASAR TEKNIK KOMPUTER DAN INFORMATIKA DI SEKOLAH MENENGAH KEJURUAN*, 2020.
- [32] K. Peffers, T. Tuunanen, M. A. Rothenberger, and S. Chatterjee, “A design science research methodology for information systems research,” *Journal of Management Information Systems*, vol. 24, no. 3, pp. 45–77, Dec. 2007, doi: 10.2753/MIS0742-1222240302.
- [33] E. Fernando and P. Siagian, “DESAIN SISTEM PENGENALAN VARIETAS BIBIT TANAMAN KELAPA SAWIT DENGAN PENDEKATAN DESIGN SCIENCE RESEARCH METHODOLOGY (DSRM),” vol. 7, no. 2, pp. 249–258, 2020, doi: 10.25126/jtiik.202071456.
- [34] M. A. D. Pratama, Y. R. Ramadhan, and T. I. Hermanto, “Rancangan UI/UX Design Aplikasi Pembelajaran Bahasa Jepang Pada Sekolah Menengah Atas Menggunakan Metode Design Thinking,” *JURIKOM (Jurnal Riset Komputer)*, vol. 9, no. 4, p. 980, Aug. 2022, doi: 10.30865/jurikom.v9i4.4442.
- [35] A. Hidayat and H. M. Fauziyyah, “PERANCANGAN DESAIN ANTARLUKA APLIKASI PEMBELAJARAN ONLINE BERBASIS MOBILE MENGGUNAKAN METODE DESIGN THINKING,” *JUTEKIN (Jurnal Teknik Informatika)*, vol. 10, no. 1, Jun. 2022, doi: 10.51530/jutekin.v10i1.647.
- [36] L. M. W. Satyaningrat, K. Rahmah, and P. D. N. Hamijaya, “User Flow Design Research for a Culinary Application Prototype to Improve Customer Satisfaction in Balikpapan,” *Journal of Computer Networks, Architecture and High Performance Computing*, vol. 5, no. 2, pp. 724–734, Sep. 2023, doi: 10.47709/cnahpc.v5i2.2836.

- [37] E. J. Rose, C. M. MacDonald, and C. Putnam, "Teaching Design Systems: Towards a flexible and scalable model for the UX classroom," in *Proceedings of the 40th ACM International Conference on Design of Communication, SIGDOC 2022*, Association for Computing Machinery, Inc, Oct. 2022, pp. 107–113. doi: 10.1145/3513130.3558985.
- [38] N. A. Hidayah, Zulfiandri, A. Rafiuddin, Y. Durachman, and E. Rustamaji, "User Experience Design Analysis Using Lean UX Method," in *2021 9th International Conference on Cyber and IT Service Management, CITSM 2021*, Institute of Electrical and Electronics Engineers Inc., 2021. doi: 10.1109/CITSM52892.2021.9588905.
- [39] T. Zhang, P.-L. P. Rau, G. Salvendy, and J. Zhou, "Comparing Low and High-Fidelity Prototypes in Mobile Phone Evaluation," *International Journal of Technology Diffusion*, vol. 3, no. 4, pp. 1–19, Oct. 2012, doi: 10.4018/jtd.2012100101.
- [40] B. Carlson, "Wireframing mobile applications."
- [41] M. F. Ardiansyah and P. Rosyani, "Perancangan UI/UX Aplikasi Pengolahan Limbah Anorganik Menggunakan Metode Design Thinking," *Perancangan UI/UX Aplikasi Pengolahan Limbah Anorganik Menggunakan Metode Design Thinking*, 2023, [Online]. Available: <https://journal.mediapublikasi.id/index.php/logic>
- [42] T. Tullis and B. Albet, *Measuring the User Experience Collecting, Analyzing, and Presenting Usability Metrics (Second Edi)*, 2nd ed., vol. 2. Newnes, 2013.
- [43] G. Pandusarani, A. Hendra Brata, and E. M. A. Jonemaro, "Analisis User Experience Pada Game CS:GO dengan Menggunakan Metode Cognitive Walkthrough dan Metode Heuristic Evaluation," 2018. [Online]. Available: <http://j-ptiik.ub.ac.id>

- [44] L. O. Bligård and A. L. Osvalder, “Enhanced cognitive walkthrough: Development of the cognitive walkthrough method to better predict, identify, and present usability problems,” *Advances in Human-Computer Interaction*, vol. 2013, 2013, doi: 10.1155/2013/931698.
- [45] N. E. Jacobsen and B. E. John, “Two Case Studies in Using Cognitive Walkthrough for Interface Evaluation,” 2000. [Online]. Available: <https://www.researchgate.net/publication/2464651>
- [46] J. Pacheco, S. Garbatov, and M. Goulao, “Improving Collaboration Efficiency Between UX/UI Designers and Developers in a Low-Code Platform,” in *Companion Proceedings - 24th International Conference on Model-Driven Engineering Languages and Systems, MODELS-C 2021*, Institute of Electrical and Electronics Engineers Inc., 2021, pp. 138–147. doi: 10.1109/MODELS-C53483.2021.00025.
- [47] Y. Yamashita, “Introducing FigJam,” <https://www.figma.com/blog/introducing-figjam/>. Accessed: Sep. 19, 2024. [Online]. Available: <https://www.figma.com/blog/introducing-figjam/>
- [48] E. L. Deci and R. M. Ryan, “SDT: Questionnaires: Intrinsic Motivation Inventory (IMI).” Accessed: Oct. 07, 2024. [Online]. Available: <https://selfdeterminationtheory.org/intrinsic-motivation-inventory/>
- [49] R. Herdjuno Pawenang Kusumo and B. S. Suranto, “Evaluasi User Experience Sistem Informasi Manajemen Tugas Akhir (SEKAWAN) Informatika Universitas Islam Indonesia Menggunakan Metode User Experience Questionnaire (UEQ),” 2023. [Online]. Available: <https://sekawan-iii.id/si-penjaluran/auth>
- [50] A. A. Kusuma and A. Indrati, “User Interface Analysis on Open University Credit Transfer Applications Using User Experience Questionnaire (UEQ) and Heuristic Evaluation Methods,” *International Research Journal of Advanced Engineering and Science*, vol. 7, no. 1, pp. 61–66, 2022.

- [51] M. Schrepp, “Handbook for the modular extension of the User Experience Questionnaire,” 2019. [Online]. Available: <https://www.researchgate.net/publication/334030490>
- [52] A. Prayoga, C. W. Kusuma, M. Christy, and R. Andika, “Analisis User Experience Jogjakita Menggunakan User Experience Questionnaire (UEQ),” 2023.
- [53] Sugiyono, *Metode penelitian pendidikan pendekatan kuantitatif, kualitatif dan R&D*. 2013.
- [54] M. Fajrin, “Wawancara dan Observasi,” https://www.academia.edu/33526134/Wawancara_dan_Observasi, 2015.
- [55] H. Sharp, J. Preece, and Y. Rogers, *Interaction Design: Beyond Human-Computer Interaction*. John Wiley & Sons, 2019.
- [56] P. Raharjo, W. Ananta Kusuma, and H. Sukoco, “UJI USABILITY DENGAN METODE COGNITIVE WALKTHROUGH PADA SITUS WEB PERPUSTAKAAN UNIVERSITAS MERCU BUANA JAKARTA,” 2016.