

DAFTAR PUSTAKA

- [1] H. Akmal, I. P. Gede, and H. Suputra, “Evaluasi UI pada Prototype Aplikasi ‘ WeCare ’ Menggunakan Metode SUS (System Usability Scale),” vol. 2, no. November, pp. 131–138, 2023.
- [2] Z. Galavi, M. Montazeri, and R. Khajouei, “Which criteria are important in usability evaluation of mHealth applications : an umbrella review,” vol. 2, no. 2024, 2025.
- [3] R. Faticha, A. Aziza, and P. Ristriani, “MEASURING UX USING USABILITY AND HEURISTIC METHODS IN JKN MOBILE APPLICATION,” vol. 9, no. 1, pp. 96–101, 2023, doi: 10.33480/jitk.v9i1.4070.the.
- [4] N. Alqahtani, A. Bashatah, M. K. Alharbi, and W. Syed, “Exploring usage and perceived effectiveness of fitness trackers and mobile health applications among university students in Saudi Arabia,” pp. 1–14, 2025.
- [5] B. P. Statistik, *Statistik kesehatan 2025*, vol. 8. 2025.
- [6] B. Alkhwaiter, M. Aloud, and N. Almezeini, “User Experience in mHealth Research : Bibliometric Analysis of Trends and Developments (2007 – 2023),” vol. 13, 2025, doi: 10.2196/75909.
- [7] S. Khan, P. Keikhosrokiani, K. Kauppinen, and S. G. Medina, “Sustainability Evaluation of mHealth Apps and Wearables : Protocol for a Systematic Review Corresponding Author :,” vol. 14, 2025, doi: 10.2196/68649.
- [8] Y. Shen *et al.*, “Evaluating the Usability of mHealth Apps : An Evaluation Model Based on Task Analysis Methods and Eye Movement Data,” 2024.
- [9] A. Ichwani, “Jurnal Pepadun Evaluasi User Experience Aplikasi Mobile SATUSEHAT Menggunakan Heart Metrics Jurnal Pepadun,” vol. 5, no. 1, pp. 72–82, 2024.
- [10] N. L. Wahananingtyas, A. Bakar, and H. Harmayetty, “E-Health Applications Support Medication Adherence in Coronary Heart Disease Patients : Aplikasi E-

- Health Mendukung Kepatuhan Minum Obat pada Pasien Penyakit Jantung Koroner,” vol. 26, no. 1, pp. 1–11, 2025, doi: 10.21070/ijins.v26i1.1352.
- [11] W. Septiani, N. Rahmawati, D. M. Safitri, and M. Luis, “Usability evaluation for mobile health application : Systematic Literature Review,” vol. 28, no. 2, pp. 287–304, 2024.
- [12] C. A. Oppen, F. A. Browne, B. N. Howard, W. A. Zule, and W. M. Wechsberg, “Assessing Differences in mHealth Usability and App Experiences Among Young African American Women : Secondary Analysis of a Randomized Controlled Trial Corresponding Author :,” vol. 11, pp. 1–6, 2024, doi: 10.2196/51518.
- [13] H. W. Alduhailan, M. A. Alshamari, and H. A. M. Wahsheh, “A Comprehensive Comparison and Evaluation of AI-Powered Healthcare Mobile Applications ’ Usability,” 2025.
- [14] P. C. Lim, Y. L. Lim, R. Rajah, and H. Zainal, “Usability questionnaire for standalone or interactive mobile health applications : a systematic review,” *BMC Digit. Heal.*, 2025, doi: 10.1186/s44247-025-00150-y.
- [15] M. T. Susilowati, F. R. Umbara, and R. Ilyas, “Evaluasi dan Perancangan Ulang UI / UX Aplikasi GoDentist Menggunakan Metode Double Diamond,” pp. 449–456, 2025, doi: 10.47002/metik.v9i2.1100.
- [16] F. Asri, N. Fatimah, and A. Voutama, “Implementasi Metode Double Diamond Design Process pada UI / UX Aplikasi Manajemen Kesehatan dan Gizi Personal (WellFits),” vol. 10, no. 1, pp. 11–20, 2025.
- [17] A. Haryanto and I. P. Wardhani, “HUMAN COMPUTER INTERACTION (HCI) DALAM LINGKUP PENDIDIKAN,” vol. 04, no. 01, pp. 20–24, 2024.
- [18] M. Farros, I. Haq, S. Nadhifah, and F. A. Artanto, “Penerapan Human Computer Interaction Pada Website Simasmu Implementation of Human Computer Interaction on the Simasmu Website Using the WebQual 4 . 0 Method Jurnal Surya Informatika,” vol. 15, no. 1, pp. 1–8, 2025.

- [19] A. Mirza, M. D. Lusita, and D. Diana, “DESIGN OF UI / UX APPLICATIONS FOR MOBILE- BASED E-COMMERCE TECH . AN GADGETS USING THE DESIGN METHOD THINKING Perancangan Ui / Ux Aplikasi E-Commerce Tech . An Gadget Berbasis Mobile Menggunakan Metode Desig Thinking,” vol. 7, no. 1, pp. 58–73, 2023, doi: 10.52362/jisicom.v7i1.1085.
- [20] F. D. Salam, E. W. Pamungkas, and U. M. Surakarta, “DESIGNING UI / UX FOR A MEDITERRANEAN DIET APP TO MINIMIZE TYPE 2 PERANCANGAN UI / UX APLIKASI DIET MEDITERANIA UPAYA MEMINALISIR TERKENA PENYAKIT DIABETES MELITUS TIPE 2,” vol. 5, no. 4, pp. 971–980, 2024.
- [21] I. Ayu, D. Krisna, P. Desain, K. Visual, and J. N. Indah, “PERANCANGAN USER INTERFACE DAN USER EXPERIENCE PADA APLIKASI PENCARI PEKERJA DI PT KALMAN GROUP INDONESIA,” vol. 4, no. 2, pp. 256–265, 2023.
- [22] L. Maaß, M. Freye, F. S. Examination, C. Pan, and H. Dassow, “The Definitions of Health Apps and Medical Apps From the Perspective of Public Health and Law : Qualitative Analysis of an Interdisciplinary Literature Overview Corresponding Author :,” vol. 10, pp. 1–18, 2022, doi: 10.2196/37980.
- [23] D. R. Kaunang, “Askes Layanan Kesehatan dalam Genggaman dengan Mobile JKN,” vol. 4, no. 1, pp. 80–86, 2025.
- [24] H. Yulastuti and M. Jawahir, “Analisis Efektivitas Pemanfaatan Aplikasi Layanan Kesehatan Mobile Jaminan Kesehatan Nasional Di Indonesia,” vol. 4, no. 01, pp. 28–40, 2023.
- [25] W. Barker, W. Chang, J. Everson, M. Gabriel, V. Patel, and M. Gabriel, “The Evolution of Health Information Technology for Enhanced Patient-Centric Care in the United States : Data-Driven Descriptive Study Corresponding Author :,” vol. 26, 2024, doi: 10.2196/59791.
- [26] S. Rajkumar *et al.*, “Health information systems data for decision - making : case

- study in three cities on current practices and opportunities,” *Discov. Heal. Syst.*, 2024, doi: 10.1007/s44250-024-00136-z.
- [27] E. Martino, M. De Sanctis, I. Malavolta, M. Hoogendoorn, and P. Lago, “An evaluation of the effectiveness of personalization and self-adaptation for e-Health apps,” *Inf. Softw. Technol.*, vol. 146, no. October 2021, p. 106841, 2022, doi: 10.1016/j.infsof.2022.106841.
 - [28] N. Ketut, D. Ari, E. Triandini, G. Sastrawangsa, and N. W. Deriani, “Mobile Application Characteristics and User Perspective in Smart Healthcare Service Applications,” vol. 16, no. 1, pp. 97–103, 2022.
 - [29] J. Multidisiplin, W. Science, R. Fildansyah, P. Kesehatan, and G. H. Sehat, “Studi Kausalitas antara Polusi Udara dan Kejadian Penyakit Saluran Pernapasan pada Penduduk Kota,” vol. 02, no. 06, pp. 473–482.
 - [30] A. Myint, N. Hlaing, and Z. M. Oo, “Mobile Health (mHealth) Applications : Transforming Preventive Health and Patient Engagement,” vol. 3, no. 3, pp. 229–239, 2025.
 - [31] D. Gaspar-figueiredo, S. Abrahão, and E. Insfrán, “Measuring User Experience of Adaptive User Interfaces using EEG : A Replication Study,” 2023.
 - [32] P. Dan and P. Pengguna, “MENGGUNAKAN METODE DESIGN THINKING BERBASIS,” vol. 7, no. 3, pp. 11–22, 2026.
 - [33] T. Mescher, R. L. Hacker, L. A. Martinez, C. D. Morris, M. C. Mishkind, and C. E. G. Apgar, “Mobile Health Apps : Guidance for Evaluation and Implementation by Healthcare Workers,” *J. Technol. Behav. Sci.*, pp. 224–235, 2025, doi: 10.1007/s41347-024-00441-7.
 - [34] E. Juliani, Y. Yari, and N. Rosliany, “EFEKTIVITAS PENGGUNAAN MOBILE HEALTH PADA MANAJEMEN MANDIRI DIABETES MELITUS TIPE II : A SCOPING REVIEW,” vol. 19, pp. 29–41, 2024.
 - [35] P. Amiri, H. Nadri, and K. Bahaadinbeigy, “Facilitators and barriers of mHealth

- interventions during the Covid-19 pandemic : systematic review,” pp. 1–9, 2023.
- [36] A. H. Dhian Sweetania, “Perancangan UI/UX Pada Aplikasi Berbasis Mobile E-Ticket Museum Di Jakarta dengan Menggunakan Metode Design Thinking.pdf,” 2023.
 - [37] S. F. Dewi and K. D. Hartomo, “Model UI / UX Sistem Informasi Kepegawaian pada Kantor Sinode menggunakan Metode Design Thinking UI / UX Model of Personnel Information System at the Synod Office using Design Thinking Method,” vol. 14, pp. 482–496, 2025.
 - [38] R. A. Pratama and A. Pramono, “PENERAPAN METODE DESIGN THINKING PADA PERANCANGAN UI / UX APLIKASI LEARNING MANAGEMENT SYSTEM,” vol. 9, no. 5, pp. 7821–7826, 2025.
 - [39] S. N. Islami and M. D. Firmansyah, “Evaluasi ui/ux dari aplikasi ikmas dengan menggunakan metode design thinking dan pengujian pengguna 1) 1,2),” vol. 9, no. 1, pp. 29–38, 2024.
 - [40] I. Br, K. Sekali, S. A. Widiyana, S. Informasi, and U. S. Ratulangi, “Perancangan UI / UX Aplikasi Mobile Produk Fashion Pria pada Toko Celcius di Kota Manado Menggunakan Design Thinking,” vol. 2, no. September, pp. 53–64, 2023.
 - [41] K. W. Cahyadi, I. G. Ayu, A. Diatri, and P. Y. Pratiwi, “Desain Antarmuka dan Pengalaman Pengguna pada Aplikasi Pencarian Instruktur Olahraga ‘ BeFind ’ berbasis Mobile menggunakan Design Thinking UI / UX Design for Mobile-based Sports Instructor Search Application ‘ Befind ’ using Design Thinking,” vol. 12, no. September, pp. 835–850, 2023.
 - [42] R. H. Anggia, R. Maududy, and D. R. Nursamsi, “Perancangan UI / UX Bank Sampah di Bandung Raya Berbasis Mobile Menggunakan Metode Double Diamond,” vol. 2, pp. 135–142, 2025.
 - [43] R. D. Rifaldi *et al.*, “PERANCANGAN USER INTERFACE DAN USER EXPERIENCE APLIKASI MOBILE PENJUALAN SOUVENIR DAN AKSESORIS PADA RUMAH SOUVENIR,” vol. 8, no. 5, pp. 9811–9818, 2024.

- [44] E. S. Ramadhan, “Penerapan Metode Double Diamond dalam Perancangan Antarmuka Pengguna dan Pengalaman Pengguna pada Aplikasi Halal . me,” vol. 6, no. 1, pp. 91–98, 2024.
- [45] J. Pengembangan, J. Andika, Y. Pebvikho, and S. R. Wicaksono, “Analisis Kelayakan Penggunaan Sistem Payroll Absenku melalui Usability Testing,” vol. 19, no. 1, pp. 25–34, 2025.
- [46] Y. Lu *et al.*, “UXAgent: A System for Simulating Usability Testing of Web Design with LLM Agents,” 2025.
- [47] N. Hsueh, H. Lin, and L. Lai, “Applying Large Language Model to User Experience Testing,” 2024.
- [48] F. Pehar, “AI as Synthetic Users in Human-Centred Design :,” *2025 MIPRO 48th ICT Electron. Conv.*, pp. 1500–1509, 2025, doi: 10.1109/MIPRO65660.2025.11131969.
- [49] M. H. Alfarisi and U. Ependi, “Evaluasi Usability pada Aplikasi Pospay Menggunakan Metode Usability Testing Program Studi Sistem Informasi , Fakultas Ilmu Komputer , Universitas Bina Darma Pospay . Aplikasi Pospay perlu dievaluasi secara detail untuk mengukur kemudahan mengujinya langsung pada pengguna , Usability testing merupakan suatu atribut untuk,” vol. 8, no. 2, pp. 367–374, 2022.
- [50] G. A. Pradnyana, P. T. Informatika, and U. P. Ganesha, “Usability Testing Menggunakan Model PACMAD Pada Aplikasi Mobile Tabanan Dalam Genggaman,” vol. 4, no. 1, pp. 53–65, 2021.
- [51] A. Dan, E. Desain, W. E. B. Profil, S. Dengan, P. Nielsen, and U. Model, “ANALISIS DAN EVALUASI DESAIN WEB PROFIL SEKOLAH DENGAN PENDEKATAN NIELSEN USABILITY MODEL,” vol. 8, no. 2, pp. 104–108, 2022.
- [52] R. Fitria, “Integrating Heuristic Evaluation and Cognitive Walkthrough in Usability Evaluation of Mobile Application,” vol. 3, no. 3, 2024.

- [53] W. Nugroho, “Evaluasi Kualitas Digital Payment OVO Berdasarkan Faktor Usability Standar ISO / IEC 9126,” vol. 1, no. 1, pp. 14–19, 2022.
- [54] R. Fitria and M. Ikhwan, “SISTEM INFORMASI PENGUKURAN MATRIKS ISO USABILITY TESTING BERBASIS WEB : STUDI KASUS SHOPEE,” vol. 7, no. 2, 2023.
- [55] H. Rachmi and S. Nurwahyuni, “Pengujian Usability Website Andaru Persada Mandiri Menggunakan Nielsen Attributes of Usability,” vol. 1, no. 2, pp. 1–6, 2020.
- [56] K. Meliana, D. Nada, and A. D. Indriyanti, “Penggunaan Metode People at the Center of Mobile Application Development (PACMAD) Sebagai Analisis Ketergunaan (Usability) pada Aplikasi Fore Coffee,” vol. 03, no. 03, pp. 110–121, 2022.
- [57] R. Fitria, R. Meiyanti, H. Al, K. Aidilof, A. Ruzanna, and W. Hamsi, “Developing Prototype Model Based on Analysis of The People At The Center of Mobile App Development (PACMAD) on The Panel Harga Pangan Application,” vol. 5, no. 2, pp. 0–11, 2024.
- [58] S. Dan and K. Praktek, “PENGUKURAN USABILITY PADA APLIKASI,” vol. 1, no. 2, pp. 201–213, 2021.
- [59] N. Methods, “Nonparametric Methods”.
- [60] M. Lebih *et al.*, “MENGENAL APLIKASI FIGMA UNTUK MEMBUAT CONTENT,” vol. 1, no. 6, pp. 552–555, 2023.
- [61] M. Saefudin and S. A. Perdana, “DIGITAL SYSTEM UI / UX DESIGN MANAGEMENT SUBMISSION OF AGRICULTURAL COST LOANS USING FIGMA SOFTWARE Manajemen Rancangan Ui / Ux Sistem Digital Pengajuan Peminjaman Permodalan Biaya Pertanian Menggunakan Perangkat Lunak Figma,” vol. 7, no. 1, pp. 74–85, 2023, doi: 10.52362/jisicom.v7i1.1090.
- [62] M. M. Hennink, B. N. Kaiser, and V. C. Marconi, “Code Saturation Versus

Meaning Saturation : How Many,” vol. 27, no. 4, pp. 591–608, 2022, doi:
10.1177/1049732316665344.Code.