



## DAFTAR PUSTAKA

- [1] M. J. Rosenberg, “The E-Learning Revolution,” in *E-learning: Strategies for delivering knowledge in the Digital age*, 1st ed., New York, NY, USA: McGraw-Hill, 2001, pp. 28–31.
- [2] J. Nielsen and R. Molich, “Heuristic evaluation of User Interfaces,” in *Proceedings of the SIGCHI conference on Human factors in computing systems Empowering people - CHI '90*, Mar. 1990, pp. 249–256.
- [3] J. S. Dumas and J. Redish, *A practical guide to usability testing*, Revised ed. Exeter, UK: Intellect Books, 1999.
- [4] W. Hartanto, “Penggunaan E-Learning Sebagai Media Pembelajaran,” *JURNAL PENDIDIKAN EKONOMI: Jurnal Ilmiah Ilmu Pendidikan, Ilmu Ekonomi dan Ilmu Sosial*, vol. 10, no. 1, Nov. 2016. [Online]. Available: <https://jurnal.unej.ac.id/index.php/JPE/article/view/3438/2696>
- [5] J. Nielsen, “Finding usability problems through heuristic evaluation,” in *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems - CHI '92*, Jun. 1992, pp. 373–380.
- [6] Y. Manganugrahana. “Laravel Framework: Pengertian, Keunggulan & Tips untuk Pemula.” niagahoster.co.id. [https://www.niagahoster.co.id/blog/laravel-adalah/#Apa\\_itu\\_Laravel](https://www.niagahoster.co.id/blog/laravel-adalah/#Apa_itu_Laravel) (accessed Sep. 17, 2022).
- [7] S.R. Chandrawati, “Pemanfaatan *E-learning* dalam Pembelajaran,” *Jurnal Cakrawala Kependidikan*, vol. 8, no.2, pp. 172–181, Sep. 2010.
- [9] A.A.A. Rayyan, “Pengembangan *Back-End* Dasbor Admin Gerakan Sekolah Menyenangkan Menggunakan Metode *Lean Startup*,” B.S. thesis, Dept. Elect. Eng. and Inf. Technol., Gadjah Mada Univ., Yogyakarta, Indonesia, 2019.



- [10] Y. M. Geasela, P. Ranting, and J. F. Andry, “Analisis user interface TERHADAP website Berbasis E-Learning Dengan Metode heuristic evaluation,” *Jurnal Informatika*, vol. 5, no. 2, pp. 270–277, 2018.
- [11] O. Daramola, O. Oladipupo, I. Afolabi, and A. Olopade, “Heuristic Evaluation of an Institutional E-learning System: A Nigerian Case,” *Int. J. Emerg. Technol. Learn.*, vol. 12, no. 03, pp. 26–42, Mar. 2017.
- [12] R.D.B. Kurniawan, S.H. Wijoyo, amd N.H. Wardani, “Evaluasi *Usability* Aplikasi MY JNE Dengan Metode *User Experience Questionnaire* (UEQ) Dan *Heuristic Evaluation*,” *Jurnal Pengembangan Teknologi Informasi dan Ilmu Komputer*, vol. 3, no. 6, Jul. 2019.
- [13] M. Schrepp, *User Experience Questionnaire Handbook*. Berlin, Germany: SAP Research, 2015. [Online] Available: [https://www.researchgate.net/profile/Martin-Schrepp/publication/281973617\\_User\\_Experience\\_Questionnaire\\_Handbook/links/5e0b5ad6299bf10bc3854951/User-Experience-Questionnaire-Handbook.pdf](https://www.researchgate.net/profile/Martin-Schrepp/publication/281973617_User_Experience_Questionnaire_Handbook/links/5e0b5ad6299bf10bc3854951/User-Experience-Questionnaire-Handbook.pdf)
- [14] S. Putro, K. Kusrini, and M. P. Kurniawan, “Penerapan metode UEQ dan cooperative evaluation Untuk Mengevaluasi user experience Lapor Bantul,” *Creative Information Technology Journal*, vol. 6, no. 1, pp. 27–37, 2020.
- [15] S. Simanjuntak, “Analisis Pengalaman Pengguna (*User Experience*) Enterprise Resource Planning (ERP) Menggunakan *User Experience Questionnaire* (UEQ) (Studi Kasus: SAP Modul Sales & Distribution, Material Management, Financial Accounting),” B.S. thesis, Dept. Inf. Syst., Institut Teknologi Sepuluh Nopember, Surabaya, Indonesia, 2018.
- [16] A. A. I. Paramitha, G. R. Dantes, and G. Indrawan, “The evaluation of web based Academic Progress Information System using heuristic evaluation and user experience questionnaire (UEQ),” *2018 Third International Conference on Informatics and Computing (ICIC)*, pp. 1–6, 2018.

- [17] G. Ashila, “*User Interface Heuristic Evaluation* Pada Sistem Informasi Nasabah Koperasi Mitra Swadaya PT. Gajah Tunggal,” B.S. thesis, Dept. Inf. Eng., UIN Syarif Hidayatullah, Jakarta, Indonesia, 2019.
- [18] J. Sauro and J. R. Lewis, *Quantifying the user experience: Practical statistics for user research*, 2nd ed. Amsterdam: Morgan Kaufmann, 2016.
- [19] A. I. Mahendra and M. Susanty, “Analisis usability Pada aplikasi mobile Pemeriksa Kesehatan Mata,” *Jurnal Informatika*, vol. 8, no. 2, pp. 151–159, Sep. 2021.
- [20] I. G. A. A. D. Indrayani, I. P. Bayupati, and I. M. Putra, “Analisis usability Aplikasi Ibadung Menggunakan heuristic evaluation method,” *Jurnal Ilmiah Merpati (Menara Penelitian Akademika Teknologi Informasi)*, vol. 8, no. 2, pp. 89–100, Jun. 2020.
- [21] J. Nielsen, “How to conduct a heuristic evaluation,” nnngroup.com.  
<https://www.nngroup.com/articles/how-to-conduct-a-heuristic-evaluation> (accessed Jun. 10, 2022).
- [22] B. Sudirman, “Apa Itu MySQL: Pengertian, Fungsi, Beserta Kelebihan,” stekom.ac.id. <http://teknik-informatika-s1.stekom.ac.id/informasi/baca/Apa-itu-MySQL-Pengertian-Fungsi-beserta-Kelebihan/af4cf8e017a4b2dfe3ed405c789fab3c5c026b85> (accessed Jun. 10, 2022).
- [23] J. Lazar, J. H. Feng, and H. Hochheiser, “Usability Testing,” in *Research methods in human-computer interaction*, 2nd ed., Cambridge, MA, USA: Morgan Kaufmann, 2017, pp. 263–298.
- [24] E. Wang and B. Caldwell, “An Empirical Study of Usability Testing: Heuristic Evaluation Vs. User Testing,” in *Proceedings of the Human Factors and Ergonomics Society Annual Meeting*, vol. 46, 2002, pp. 774–778.
- [25] M. Agarina, A.S. Karim, and Sutedi, “User-Centered Design Method in the Analysis of User Interface Design of the Department of Informatics System’s

Website,” *The 5<sup>th</sup> International Conference on Information Technology and Business*, pp. 218–230, 2019.

- [26] S. Ssemugabi, and R. Villiers, “Effectiveness of heuristic evaluation in usability evaluation of elearning applications in higher educ,” *South African Computer Journal*, vol. 45, pp. 26-39, 2010.
- [27] S. Awwabiin, “Pengertian PHP, Fungsi dan Sintaks Dasarnya,” niagahoster.co.id. [https://www.niagahoster.co.id/blog/pengertian-php/#Pengertian\\_PHP](https://www.niagahoster.co.id/blog/pengertian-php/#Pengertian_PHP) (accessed Sep. 17, 2022).
- [28] M.M. Haekal, “Bootstrap: Pengertian, Kegunaan, Kelebihan, dan Kekurangannya,” niagahoster.co.id. [https://www.niagahoster.co.id/blog/bootstrap-adalah/#Apa\\_Itu\\_Bootstrap](https://www.niagahoster.co.id/blog/bootstrap-adalah/#Apa_Itu_Bootstrap) (accessed Sep. 17, 2022).
- [29] P. Aprilia, “ Bootstrap: Apa itu JavaScript? Berikut adalah Fungsi, Manfaat, dan Cara Kerjanya!,” niagahoster.co.id. <https://www.niagahoster.co.id/blog/javascript-adalah/> (accessed Sep. 17, 2022).
- [30] Bootstrap, “Get started with Bootstrap,” getbootstrap.com. <https://getbootstrap.com/docs/5.2/getting-started/introduction/> (accessed Sep. 17, 2022).
- [31] GSM, “Sejarah GSM,” sekolahmenyenangkan.or.id. <https://sekolahmenyenangkan.or.id/tentang-kami/> (accessed Sep. 17, 2022).
- [32] GSM, “Menjadi Guru yang Dirindukan dengan 5 Aktivitas Praktik Bersama,” sekolahmenyenangkan.or.id. <https://sekolahmenyenangkan.or.id/menjadi-guru-yang-dirindukan-dengan-5-aktivitas-praktik-bersama/> (accessed Sep. 17, 2022).
- [33] M. I. Farouqi, I. Aknuranda, and A. D. Herlambang, “Evaluasi Usability pada Aplikasi Go-Jek Dengan Menggunakan Metode Pengujian Usability,” *Jurnal Pengembangan Teknologi Informasi dan Ilmu Komputer*, vol. 2, no. 9, p. 3110-3117, 2018.



- [34] R. Rahmi, I. M. A. Pradnyana, and M. W. A. Kesiman, “Usability Testing Berbasis ISO 9241-11 Pada Aplikasi Salak Bali (Studi Kasus: Polres Buleleng),” Kumpul. Artik. Mhs. Pendidik. Tek. Inform., vol. 8, no. 3, pp. 510–521, 2019.
- [35] J. Mifsud. “Usability Metrics –A Guide To Quantify The Usability Of Any System.” [usabilitygeek.com](https://usabilitygeek.com/usability-metrics-a-guide-to-quantify-system-usability/). <https://usabilitygeek.com/usability-metrics-a-guide-to-quantify-system-usability/> (accessed Oct. 10, 2022)
- [36] M. A. Mutolip, “Hubungan prinsip konsumsi terhadap kesejahteraan rumah tangga muslim pada pembuat kue di Kelurahan Menteng Kota Palangka Raya,” B.Econ. thesis, Dept. Islamic Econ., IAIN Palangka Raya, Palangka Raya, Indonesia, 2016.
- [37] D. George and P. Mallory, IBM SPSS Statistics 25 Step by Step: A Simple Guide and Reference, 15th ed. New York, NY: Routledge, 2019, pp. 371.
- [38] R. Macefield, “How to Specify the Participant Group Size for Usability Studies: A Practitioner’s Guide,” Journal of Usability Studies, vol. 5, pp. 34-45, 2009.
- [39] A. R. Primasari, H. Tolle, and H. M. Az-Zahra, “Evaluasi dan Perbaikan User Experience pada Aplikasi Mobile Muslimnesia Menggunakan Metode Usability Testing dan User Experience Questionnaire (UEQ): Studi Kasus pada PT. DOT INDONESIA,” Jurnal Pengembangan Teknologi Informasi dan Komputer, vol. 3, pp. 6997-7005, 2019.
- [40] A. G. Hartzani, “Evaluasi User Experience pada Dompet Digital OVO Menggunakan User Experience Questionnaire (UEQ),” B.S. thesis, Dept. Sci. and Technol., UIN Syarif Hidayatullah, Jakarta, Indonesia, 2021.
- [41] S. E .P. Rosalinda, N. Ulinnuha, and D. Rolliawati, “Evaluasi Usability Sistem Informasi Manajemen Kepegawaian Berbasis ISO 9241-11 Menggunakan Metode Partial Least Square,” Jurnal Komunikasi, Media dan Informatika, vol. 7, no. 3, pp. 127-134, 2018.



- [42] H. B. Santoso, M. Schrepp, R. Y. K. Isal, Y. Utomo, and B. Priyogi, “Measuring User Experience of the Student-Centered e-Learning Environment,” *J. Educ. Online-JEO*, vol. 13, no. 1, pp. 142–166, 2016.
- [43] E. Eide. “How to Estimate How Many Website Visitors Your Hosting Can Deal With.” servebolt.com. <https://servebolt.com/articles/calculate-how-many-simultaneous-website-visitors/> (accessed Oct . 10, 2022)
- [44] S. Ssemugabi, and R. Villiers, “A Comparative Study of Two Usability Evaluation Methods using A Web-Based E-learning Application,” *In Proceedings of the 2007 annual research conference of the South African institute of computer scientists and information technologists on IT research in developing countries (SAICSIT '07)*, pp. 132-142, 2007.
- [45] A..D. L. Salgado, and R. P. D. M. Fortes, “Heuristic Evaluation for Novice Evaluator,” *In: Marcus, A. (eds) Design, User Experience, and Usability: Design Thinking and Method*, pp. 387-398, 2016.
- [46] T. Ohno, “Evolution of the Toyota Production System,” in *Toyota Production System: Beyond Large-Scale Production*, 1st ed., Florida, FL, USA: CRC Press, 1988, pp. 25-29.
- [47] M. Defriani, M. G. Resmi, and O. A. Permana, “User Centered Design Method for Developing a Mobile-Based Product Distribution Application”, *SinkrOn*, vol. 7, no. 1, pp. 33-38, 2022.