

DAFTAR PUSTAKA

- [1] C. Sołek-Borowska, "The use and benefits of information communication technology by Polish small and medium sized enterprises," *Online Journal of Applied Knowledge Management*, vol. 6, no. 1, pp. 211–225, 2018, doi: 10.36965/ojakm.2018.6(1)211-225.
- [2] S. S. Lee and Wella, "Analisis Technology Acceptance Model Penggunaan E-Learning pada Mahasiswa Studi Kasus: Universitas Multimedia Nusantara," *ULTIMA InfoSys*, vol. IX, no. 2, pp. 71–71, 2018.
- [3] L. D. Farida and H. Sismoro, "PERBANDINGAN TINGKAT USABILITY GOOGLE CLASSROOM BERDASARKAN PERSPEKTIF TEACHERS PADA PERGURUAN TINGGI".
- [4] S. Nisail Jannah and A. Sobandi, "The Measurement of Usability Using USE Questionnaire on the Google Classroom Application as E-learning Media (A Case study: SMK Negeri 1 Bandung)," vol. 18, no. 02, 2020, [Online]. Available:
<http://jurnal.uns.ac.id/Teknodika>
<http://jurnal.uns.ac.id/Teknodika>
- [5] Rasti Filip, "Best Learning Management Systems (LMS) of 2024," <https://www.talentlms.com/>, 2023.
- [6] P. Sukmasetya, A. Setiawan, and E. R. Arumi, "Penggunaan Usability Testing Sebagai Metode Evaluasi Website Krs Online Pada Perguruan Tinggi," *JST (Jurnal Sains dan Teknologi)*, vol. 9, no. 1, pp. 58–67, 2020, doi: 10.23887/jstundiksha.v9i1.24691.
- [7] N. B. N. Rozali and M. Y. B. Said, "Usability testing on government agencies web portal: A study on Ministry of Education Malaysia (MOE) web portal," *2015 9th Malaysian Software Engineering Conference, MySEC 2015*, pp. 37–42, 2016, doi: 10.1109/MySEC.2015.7475192.
- [8] J. Nielsen, "Usability 101: Introduction to Usability," <https://www.nngroup.com/>, 2012.
- [9] E. Caglar and S. A. Mentis, "The usability of university websites - A study on European University of Lefke," *Int J Bus Inf Syst*, vol. 11, no. 1, pp. 22–40, 2012, doi: 10.1504/IJBIS.2012.048340.
- [10] A. Marcus, "Experience Intelligent Design User Interfaces Information Visualization AM+A White Paper Return on Investment for Usable User-Interface Design: Examples and Statistics," vol. 1994, no. 2002, pp. 510–527, 2002, [Online]. Available:
http://bamanda.com/joomla_uploads/whitepapers/AM+A_ROIWhitePaper_20Apr01.pdf
- [11] X. Fang and C. W. Holsapple, "An empirical study of web site navigation structures' impacts on web site usability," *Decis Support Syst*, vol. 43, no. 2, pp. 476–491, 2007, doi: 10.1016/j.dss.2006.11.004.
- [12] S. S. Zarish, S. Habib, and M. Islam, "Analyzing usability of educational websites using automated tools," *2019 International Conference on Computer and Information Sciences, ICCIS 2019*, pp. 1–4, 2019, doi: 10.1109/ICCISci.2019.8716462.
- [13] D. Whiteley, *An Introduction to Information Systems*. London: Macmillan Education UK, 2013. doi: 10.1007/978-1-137-08467-5.

- [14] L. Zemmouchi-Ghomari, "Basic Concepts of Information Systems," *Contemporary Issues in Information Systems - A Global Perspective*, no. July, 2022, doi: 10.5772/intechopen.97644.
- [15] D. K. Peterson and C. S. Kim, "Journal of Information Technology Management A Publication of the Association of Management INFORMATION SYSTEMS OBJECTIVES : EFFECTS OF EXPERIENCE , POSITION LEVEL , AND EDUCATION ON DEVELOPERS SOUTHWEST MISSOURI STATE UNIVERSITY SOUTHWEST MISSOURI STATE ," *Journal of Information Technology*, vol. XI, pp. 29–42, 2000.
- [16] D. C. Jeffrey Rubin, *Handbook of Usability Testing: How to Plan, Design, and Conduct Effective Tests*. 2008.
- [17] J. S. Dumas, "A Practical Guide to Usability Testing".
- [18] J. Santoso, "Usability User Interface dan User Experience Media Pembelajaran Kamus Kolok Bengkala Berbasis Android," *Jurnal Sistem dan Informatika (JSI)*, vol. 12, no. 2, pp. 174–181, 2018.
- [19] D. F. Murad, N. Kusniawati, and A. Asyanto, "Aplikasi Intelligence Website Untuk Penunjang Laporan Paud Pada Himpaudi Kota Tangerang," *CCIT Journal*, vol. 7, no. 1, pp. 44–58, 2013, doi: 10.33050/ccit.v7i1.168.
- [20] Yumarlin MZ, "Evaluasi Penggunaan Website Universitas Janabadra Dengan Menggunakan Metode Usability Testing," *Informasi Interaktif*, vol. 1, no. 1, pp. 34–43, 2016, [Online]. Available: <http://www.e-journal.janabadra.ac.id/index.php/informasiinteraktif/article/view/345>
- [21] H. I. Al Husna and S. Nafisah, "Analisis Elemen Kunci Website Berdasar Konsep Shedroff Pada Website Perpustakaan Universitas Islam Indonesia," *UNILIB : Jurnal Perpustakaan*, vol. 10, no. 1, pp. 1–10, 2019, doi: 10.20885/unilib.vol10.iss1.art1.
- [22] S. Guri-Rosenblit, "'Distance education' and 'e-learning': Not the same thing," *High Educ (Dordr)*, vol. 49, no. 4, pp. 467–493, 2005, doi: 10.1007/s10734-004-0040-0.
- [23] H. Agarwal and G. N. Pandey, "Penghantar Metode Penelitian Kualitatif," *International Journal of Science and Research*, vol. 2, no. 12, pp. 146–148, 2013, [Online]. Available: <http://www.dnaindia.com/academy/report-e-learning-is->
- [24] C.-R. S. Ching-Ter Chang, Jeyhun Hajiyeve, "Examining the students' behavioral intention to use e-learning in Azerbaijan? The General Extended Technology Acceptance Model for E-learning approach," *ELSEVIER*, vol. 111, pp. 128–143, 2017.
- [25] A. M. Elkaseh, K. W. Wong, and C. C. Fung, "Perceived Ease of Use and Perceived Usefulness of Social Media for e-Learning in Libyan Higher Education: A Structural Equation Modeling Analysis," *International Journal of Information and Education Technology*, vol. 6, no. 3, pp. 192–199, 2016, doi: 10.7763/ijiet.2016.v6.683.
- [26] F. Fischer and H. Mandl, "Knowledge convergence in computer-supported collaborative learning: The role of external representation tools," *Journal of the Learning Sciences*, vol. 14, no. 3, pp. 405–441, 2005, doi: 10.1207/s15327809jls1403_3.

- [27] S. S. Gautam and M. K. Tiwari, "Components and benefits of E-learning system. International," *Research Journal of Computer Science (IRJCS)*, vol. 3, no. 1, pp. 14–17, 2016.
- [28] N. Adzharuddin, "Learning Management System (LMS) among University Students: Does It Work?," *International Journal of e-Education, e-Business, e-Management and e-Learning*, vol. 3, no. 3, 2013, doi: 10.7763/ijeeee.2013.v3.233.
- [29] A. Z. Al Rawashdeh, E. Y. Mohammed, A. R. Al Arab, M. Alara, and B. Al-Rawashdeh, "Advantages and disadvantages of using E-learning in university education: Analyzing students' perspectives," *Electronic Journal of e-Learning*, vol. 19, no. 2, pp. 107–117, 2021, doi: 10.34190/ejel.19.3.2168.
- [30] S. Aljawarneh, Z. Muhsin, A. Nsour, F. Alkhateeb, and E. AlMaghayreh, "e-Learning Tools and Technologies in Education," *A Perspective. LINC Proceedings*, 2010.
- [31] J. Hurst, "E-learning : Investigating students ' acceptance of online learning in hospitality programs by Sung Mi Song A dissertation submitted to the graduate faculty in partial fulfillment of the requirements for the degree of DOCTOR OF PHILOSOPHY Major : Hospital," 2010.
- [32] K. T. Lailatul Mufidah, "THE IMPLEMENTATION OF LEARNING MANAGEMENT SYSTEMS FOR ONLINE LEARNING IN ENGLISH AS FOREIGN LANGUAGE (EFL) AT SMAN 1 JATILAWANG," vol. 7, no. 3, p. 6, 2021.
- [33] Dr. L. Reid, "Learning Management Systems: The Game Changer for Traditional Teaching and Learning at Adult and Higher Education Institutions," *Global Journal of Human-Social Science*, vol. 19, no. July, pp. 1–14, 2019, doi: 10.34257/gjhssgvol19is6pg1.
- [34] J. A. A. R. Taufiqurrochman, Imam Muslimin, Imam Rofiki, "Students' Perceptions on Learning Management Systems of Arabic Learning through Blended Learning Model," vol. 14, no. 1, pp. 40–57, 2022, doi: 10.24042/albayan.v.
- [35] T. F. B. Sibuea, "Students' Perceptions on the Use of Google Classroom To Support Blended Learning for the Pengantar Linguistik Umum Course," *Lingua : Jurnal Ilmiah*, vol. 14, no. 2, pp. 49–63, 2018, doi: 10.35962/lingua.v14i2.45.
- [36] P. C. de Oliveira, C. J. C. de A. Cunha, and M. K. Nakayama, "Learning Management Systems (LMS) and e-learning management: an integrative review and research agenda," *Journal of Information Systems and Technology Management*, vol. 13, no. 2, pp. 157–180, 2016, doi: 10.4301/s1807-17752016000200001.
- [37] M. F. Rashida, "Learning Management System (LMS) in Higher Education Institutions," *Journal of Information Systems & Information Technology (JISIT)*, vol. 2, no. 2, pp. 15–23, 2018, [Online]. Available: <http://ir.lib.seu.ac.lk/handle/123456789/3019>
- [38] K. Mahoney and L. Cameron, "An Introduction To Learning Management System What is a Learning Management System? The Features of the Average LMS," *Reading in education and technology: Proceeding of ICICTE 2008*, pp. 314–323, 2008.

- [39] S. Lonn and S. D. Teasley, "Saving time or innovating practice: Investigating perceptions and uses of Learning Management Systems," *Comput Educ*, vol. 53, no. 3, pp. 686–694, 2009, doi: 10.1016/j.compedu.2009.04.008.
- [40] T. Snoussi, "Learning Management System in Education: Opportunities and Challenges," *International Journal of Innovative Technology and Exploring Engineering*, vol. 8, no. 12S, pp. 664–667, 2019, doi: 10.35940/ijitee.l1161.10812s19.
- [41] N. F. Istiqomah and S. Anggoro, "Implementation of Culturally Responsive Teaching (CRT) Approach in Improving Critical Reasoning Ability and Collaboration of Grade IV Elementary School in Science Subject in Pagedongan District," *Proceedings Series on Social Sciences & Humanities*, vol. 25, no. 2022, pp. 109–119, 2025, doi: 10.30595/pssh.v25i.1678.
- [42] J. Pendidikan Sejarah and F. Ilmu Sosial dan Hukum, "Pengaruh Pembelajaran Sejarah Berbasis Blended Learning Model Online Driver Terhadap Kemampuan Hasil Belajar Mandiri Peserta Didik Kelas Xi Ps 2 Sma Negeri 17 Surabaya Endah Retno Wulandari Agus Suprijono," *Journal Pendidikan Sejarah*, vol. 10, no. 3, pp. 1–8, 2021.
- [43] J. Brooke, "SUS: A 'Quick and Dirty' Usability Scale," *Usability Evaluation In Industry*, no. November 1995, pp. 207–212, 2020, doi: 10.1201/9781498710411-35.
- [44] J. Brooke, "SUS : A Retrospective," no. January 2013, 2020.
- [45] J. Sauro, "SUSatisfied? Little-known system usability scale facts," *User Experience Magazine*, vol. 10, no. 3, 2011, [Online]. Available: <https://uxpamagazine.org/sustified/>
- [46] J. C. Fagan, M. Mandernach, C. S. Nelson, J. R. Paulo, and G. Saunders, "An Overview of the System Usability Scale in Library Website and System Usability Testing," *Journal of Web Librarianship*, vol. 9, no. 1, pp. 1–21, 2015, doi: 10.1080/19322909.2014.983259.
- [47] Z. Sharfina and H. B. Santoso, "An Indonesian Adaptation of the E-Learning Usability Scale," *J Phys Conf Ser*, vol. 1566, no. 1, 2020, doi: 10.1088/1742-6596/1566/1/012051.
- [48] B. Klug, "An Overview of the System Usability Scale in Library Website and System Usability Testing," *Weave: Journal of Library User Experience*, vol. 1, no. 6, Apr. 2017, doi: 10.3998/weave.12535642.0001.602.
- [49] J. R. Lewis, B. S. Utesch, and D. E. Maher, "Measuring Perceived Usability: The SUS, UMUX-LITE, and AltUsability," *Int J Hum Comput Interact*, vol. 31, no. 8, pp. 496–505, 2015, doi: 10.1080/10447318.2015.1064654.
- [50] J. Sauro, "Measuring Usability with the System Usability Scale (SUS)," *Measuring U*. [Online]. Available: <https://measuringu.com/sus/#:~:text=It is the 25th anniversary,references in over 600 publications.>
- [51] A. Bangor, P. T. Kortum, and J. T. Miller, "An empirical evaluation of the system usability scale," *Int J Hum Comput Interact*, vol. 24, no. 6, pp. 574–594, 2008, doi: 10.1080/10447310802205776.
- [52] A. Grudniewicz, O. Bhattacharyya, K. A. McKibbin, and S. E. Straus, "Redesigning printed educational materials for primary care physicians: Design improvements increase usability," *Implementation Science*, vol. 10, no. 1, pp. 1–13, 2015, doi: 10.1186/s13012-015-0339-5.

- [53] M. Hosseinzadeh *et al.*, “Data cleansing mechanisms and approaches for big data analytics: a systematic study,” *J Ambient Intell Humaniz Comput*, vol. 14, no. 1, pp. 99–111, 2023, doi: 10.1007/s12652-021-03590-2.
- [54] H. M. Vardanjani, A. A. Haghdooost, A. Shahravan, and M. R. Phd, “Cleansing and preparation of data for statistical analysis: A step necessary in oral health sciences research,” *October J Oral Health Oral Epidemiol/Autumn*, vol. 5, no. 4, pp. 171–85, 2016, [Online]. Available: <http://johoe.kmu.ac.ir>
- [55] J. A. Heslen, “Investigating and improving the system usability scale for usability evaluation in practice Investigating and Improving the System Usability Scale for Usability Evaluation in Practice by Jolijn An ’ na Heslen identity number 0948179 in partial fulfilment o,” 2021.
- [56] Sukmawati, Salmia, and Sudarmin, “Population, Sample (Quantitative) and Selection of Participants/Key Informants (Qualitative),” *EDUMASPUL Jurnal Pendidikan*, vol. 7, no. 1, pp. 131–140, 2023, [Online]. Available: <https://ummaspul.e-journal.id/maspuljr/article/download/5259/2437>
- [57] S. Supardi, “Populasi dan Sampel Penelitian,” *Unisia*, vol. 13, no. 17, pp. 100–108, 1993, doi: 10.20885/unisia.vol13.iss17.art13.
- [58] K. Mathieson, “Quantitative and qualitative sampling methods,” *DHS 802 Research Methodology: Week 6 Module*, no. Patton 1990, p. Slide 15, 2011, [Online]. Available: <http://mycourses.atsu.edu/webct/urw/lc2039116001.tp0/cobaltMainFrame.dowebct>
- [59] P. Bhardwaj, “Types of sampling in research,” *Journal of the Practice of Cardiovascular Sciences*, vol. 5, no. 3, p. 157, 2019, doi: 10.4103/jpcs.jpcs_62_19.
- [60] J. Frost, “Stratified Sampling: Definition, Advantages & Examples,” *Statistics By Jim*. [Online]. Available: <https://statisticsbyjim.com/basics/stratified-sampling/>
- [61] I. Lal, “Why Is Validity Important in Research? Key Insights,” Marvin. [Online]. Available: <https://heymarvin.com/resources/why-is-validity-important-in-research/#:~:text=Validity is important because it,you set out to solve.>
- [62] S. Muh. Ihwan Rosyadi, “KORELASI ANTARA PERSEPSI PENGELOLAAN DAN LAYANAN PUSTAKA DENGAN MOTIVASI BELAJAR DI DIGITAL LIBRARY UNY,” *Computing Handbook: Two-Volume Set*, pp. 1–23, 2022, doi: 10.1201/b16768-21.
- [63] D. Howwit and D. Cramer, *First Steps in Research and Statistics A Practical Workbook For Psychology Students*, vol. 53, no. 9. 2013.
- [64] D. P. Harris, “Testing a Second Language,” *McGRAW-HILL INSTRUCTIONAL MATERIALS*, pp. 84–85, 1974, [Online]. Available: Library of Congress Catalog
- [65] J. R. L. Jeff Sauro, *Quantifying The User Experience*. 2017.
- [66] M. M. Sanaky, “ANALISIS FAKTOR-FAKTOR PENYEBAB KETERLAMBATAN PADA PROYEK PEMBANGUNAN GEDUNG ASRAMA MAN 1 TULEHU MALUKU TENGAH,” *Jurnal Simetrik*, vol. 11, no. 1, pp. 432–439, 2021.

- [67] L. M. Nasution, "STATISTIK DESKRIPTIF Leni Masnidar Nasution," *Jurnal Hikmah*, vol. 14, no. 1, pp. 49–55, 2017.
- [68] H. Malatino and L. Stoltzfus-Brown, "Gender and Sexual Diversity in Higher Education: The Importance of Ethical and Inclusive Research," 2020.
- [69] MyCSULA, "Frequency Analysis: SPSS (1.5)," Autodesk Instructables. [Online]. Available: <https://www.instructables.com/Frequency-Analysis-SPSS-15/>
- [70] M. RAKRAK, "Central tendency and data distribution: How to choose the right measure for accurate analysis," *International Journal of Literacy and Education*, vol. 5, no. 1, pp. 71–75, 2025, doi: 10.22271/27891607.2025.v5.i1b.253.