

## DAFTAR PUSTAKA

- Abuhlfaia, K. and de Quincey, E., 2019, Evaluating the Usability of an E-Learning Platform within Higher Education from a Student Perspective, In *Proceedings of the 2019 3rd International Conference on Education and E-Learning* (pp. 1-7).
- Afifah, N., 2016, Pengujian Usabilitas Elisa dengan System Usability Scale (SUS) dan Eye Tracking (Bachelor's thesis, Universitas Gadjah Mada).
- Ahsin, F.H., Santoso, H.B. and Isal, R.Y.K., 2019, Usability Evaluation and Interface Redesign on Rumah Belajar Application with the User-Centered Design Approach, In *2019 International Conference on Advanced Computer Science and information Systems (ICAC SIS)* (pp. 49-54), IEEE.
- Albert, W. and Tullis, T., 2013, *Measuring the user experience: collecting, analyzing, and presenting usability metrics*, Newnes.
- Alhadreti, O., 2020, Assessing Academics' Perceptions of Blackboard Usability Using SUS and CSUQ: A Case Study during the COVID-19 Pandemic, *International Journal of Human-Computer Interaction*, pp.1-13.
- Azhar, T.F. and Santoso, H.B., 2019, Evaluation of Instructional and User Interface Design for MOOC: Short and Free FutureLearn Courses, In *2019 International Conference on Advanced Computer Science and information Systems (ICAC SIS)* (pp. 425-434), IEEE.
- Azmi, S., 2019, Usability Evaluation and Design of Student Information System Prototype to Increase Student's Satisfaction (Case Study: X University), *Industrial Engineering & Management Systems*, 18(4), pp.676-684.
- Bangor, A., Kortum, P.T. and Miller, J.T., 2008, An empirical evaluation of the system usability scale, *Intl. Journal of Human-Computer Interaction*, 24(6), pp.574-594.
- Barriocanal, E.G., Urban, M.A., Sotos, L.A. and Gonzalez, J.R., 2003, An ontology-based approach for designing web usability evaluation questionnaires, *Springer Lecture Notes in Computer Science*.
- Başaran, S. and Mohammed, R.K.H., 2020, Usability Evaluation of Open Source Learning Management Systems, *International Journal of Advanced Computer Science and Applications (IJACSA)*, 11(6), pp.400-410.
- Bernéus, A. and Zhang, J., 2010, *A peek at the position of pedagogical aspects in usability evaluation of e-learning system-a literature review of usability evaluation of e-learning system conducted since 2000* (Bachelor's thesis).
- Blecken, A., Bruggemann, D. and Marx, W., 2010, Usability evaluation of a learning management system, In *2010 43rd Hawaii International Conference on System Sciences* (pp. 1-9), IEEE.
- Brooke, J., 2013, SUS: a retrospective, *Journal of usability studies*, 8(2), pp.29-40.
- Cochran, W.G., 2007, *Sampling techniques*, John Wiley & Sons.
- Cronbach, L.J., 1951, Coefficient alpha and the internal structure of tests, *psychometrika*, 16(3), pp.297-334.

- Demirkol, D., Seneler, C., Daim, T. and Shaygan, A., 2020, Measuring perceived usability of university students towards a student information system (SIS): A Turkish university case, *Technology in Society*, pp.101281.
- Demirkol, D. and Seneler, C., 2019, Evaluation of Student Information System (SIS) In Terms of User Emotion, Performance and Perceived Usability: A Turkish University Case (An Empirical Study)., *Procedia Computer Science*, 158, pp.1033-1051.
- Direktorat Sumber Daya Manusia UGM, 2021, Statistik, <http://sdm.ugm.ac.id/statistik>, online accessed on 1 Apr. 2021.
- Fink, A., 2003. *The survey handbook*. Sage.
- Hermanto, A., Supangat, S. and Mandita, F., 2017, Evaluasi Usabilitas Layanan Sistem Informasi Akademik Berdasarkan Kombinasi ServQual dan Webqual Studi Kasus: SIAKAD Politeknik XYZ, *Journal of Information Systems Engineering and Business Intelligence*, 3(1), pp.33-39.
- Hutahaean, J., 2015, *Konsep sistem informasi*, Deepublish.
- Ika, 2019, UGM Kembangkan Sistem Informasi Akademik, <https://ugm.ac.id/id/berita/17709-ugm-kembangkan-sistem-informasi-akademik>, online accessed on 12 Oct. 2020.
- International Organization for Standardization, 1998, *ISO 9241-11: Ergonomic requirements for office work with visual display terminals (VDTs): Part 11: Guidance on usability*.
- Joiner Associates Incorporated, 1995, *Pareto Charts: Plain & Simple*, Joiner Associates Incorporated.
- Karwowski, W. ed., 2006, *International Encyclopedia of Ergonomics and Human Factors-3 Volume Set*, CRC Press.
- Kiswandari, A., 2013, *Evaluasi Usabilitas eLisa dengan Metode Kuesioner dan Thinking aloud* (Bachelor's thesis, Universitas Gadjah Mada).
- Kothari, C.R., 2004, *Research methodology: Methods and techniques*, New Age International.
- Lewis, J.R., 1995, IBM computer usability satisfaction questionnaires: psychometric evaluation and instructions for use, *International Journal of Human-Computer Interaction*, 7(1), pp.57-78.
- Lewis, J.R., 2018, Measuring perceived usability: The CSUQ, SUS, and UMUX, *International Journal of Human-Computer Interaction*, 34(12), pp.1148-1156.
- Lin, H.X., Choong, Y.Y. and Salvendy, G., 1997, A proposed index of usability: a method for comparing the relative usability of different software systems, *Behaviour & information technology*, 16(4-5), pp.267-277
- Manzoor, M., Hussain, W., Sohaib, O., Hussain, F.K. and Alkhalaf, S., 2019, Methodological investigation for enhancing the usability of university websites, *Journal of Ambient Intelligence and Humanized Computing*, 10(2), pp.531-549.
- Mukerjee, S., 2012, Student information systems—implementation challenges and the road ahead, *Journal of Higher Education Policy and Management*, 34(1), pp.51-60.
- Navarro, D., 2013, *Learning statistics with R*, Lulu. com.

- Nielsen, J., 1994, *Usability engineering*, Morgan Kaufmann.
- Padua, R.N. and Santos, R.G., 1998, *Fundamentals of educational research and data analysis*, Katha Publishing Co., Inc.
- Pangkalan Data Pendidikan Tinggi (PDDikti), 2021, Profil Perguruan Tinggi, [https://pddikti.kemdikbud.go.id/data\\_pt/OEVEMUQwQ0UtRjEyMi00QjM3LUE4NDktMjVGODFCMzM1Mzk1](https://pddikti.kemdikbud.go.id/data_pt/OEVEMUQwQ0UtRjEyMi00QjM3LUE4NDktMjVGODFCMzM1Mzk1), online accessed on 1 Apr. 2021.
- Pretorius, M. and van Biljon, J., 2010, Learning management systems: ICT skills, usability and learnability, *Interactive Technology and Smart Education*. 7(1), pp. 30-43.
- Qureshi, K.M. and Irfan, M., 2009, *Usability evaluation of e-learning applications, A case study of It's Learning from a student's perspective* (Master thesis, Blekinge Tekniska Högskola).
- Rahayu, S.P., Wijayanto, B. and Iskandar, D., 2019, Measuring usability scale and factors that influence the implementation of internship information system in engineering faculty of Jenderal Soedirman University, In *AIP Conference Proceedings* (Vol. 2094, No. 1, p. 020013), AIP Publishing LLC.
- Singarimbun, M. and Effendi, S., 1995, *Metode Penelitian Survei Edisi Revisi*. Jakarta: Lp3ES.
- Sudirman, A., Muttaqin, M., Purba, R.A., Wirapraja, A., Abdillah, L.A., Fajrillah, F., Arifah, F.N., Julyanthry, J., Watrianthos, R. and Simarmata, J., 2020, *Sistem Informasi Manajemen*, Yayasan Kita Menulis.
- Susanto, A., Rahmaini, S.N., Putra, S.J. and Mintarsih, F., 2019, Evaluating Web Quality and Its Influential Factors in Higher Education: A Comparative Study. In *2019 7th International Conference on Cyber and IT Service Management (CITSM)* (Vol. 7, pp. 1-5), IEEE.
- Tabrizi, S.S., Tufekci, C., Gumus, O. and Cavus, A., 2017, Usability evaluation for Near East University student information system, In *International Conference On Educational Research (Cyicer-2016)* (No. 3, pp. 235-243).
- Talirongan, F.J.B. and Hernandez, A.A., 2017, Issues and challenges on academic information systems: A quantitative study utilizing purdue usability testing questionnaire, In *2017 IEEE 9th International Conference on Humanoid, Nanotechnology, Information Technology, Communication and Control, Environment and Management (HNICEM)* (pp. 1-7), IEEE.
- Thoyyibah, T., Trisetyarso, A., Saputra, W., Kang, C.H. and Abbas, B.S., 2020, Analysis of Knowledge Management System in Pamulang University Library Based on SUMI (Software Usability Measurement Inventory), In *IOP Conference Series: Materials Science and Engineering* (Vol. 879, No. 1, p. 012084), IOP Publishing.
- Tonbuloglu, İ., 2013, Using eye tracking method and video record in usability test of educational softwares and gender effects, *Procedia-Social and Behavioral Sciences*, 103, pp.1288-1294.
- Tullis, T.S. and Stetson, J.N., 2004, A comparison of questionnaires for assessing website usability. In *Usability professional association conference* (Vol. 1).
- Ursachi, G., Horodnic, I.A. and Zait, A., 2015, How reliable are measurement scales? External factors with indirect influence on reliability estimators. *Procedia Economics and Finance*, 20, pp.679-686.



- Wardani, N.H. and Subriadi, A.P., 2016, Prioritizing Usability Factors for *Website Usability Improvement: A Case Study of Student Academic Information System at Brawijaya University*, *IPTEK Journal of Proceedings Series*, 2(1), pp.97-98.
- Williams, J.R., 2004, *Developing performance support for computer systems: a strategy for maximizing usability and learnability*, CRC press.
- Zaharias, P. and Koutsabasis, P., 2012, Heuristic evaluation of e-learning courses: a comparative analysis of two e-learning heuristic sets, *Campus-Wide Information Systems*, 29(1), pp.45-60.