DAFTAR PUSTAKA

[1] R. A. Mashelkar, "Exponential Technology, Industry 4.0 and Future of Jobs in India," *Rev. Mark. Integr.*, vol. 10, no. 2, hlm. 138–157, Agu 2018, doi: 10.1177/0974929218774408.

[2] Amazon.com Services LLC., "What is ecommerce?" https://sell.amazon.com/learn/what-is-ecommerce (diakses 30 Desember 2021).

[3] Shopify Inc., "Ecommerce." https://www.shopify.com/encyclopedia/what-is-ecommerce (diakses 31 Desember 2021).

[4] F. Hidranto, "Bisnis E-Commerce Semakin Gurih," 23 Februari 2021. https://indonesia.go.id/kategori/indonesia-dalam-angka/2534/bisnis-e-commerce-semakin-gurih (diakses 30 Desember 2021).

[5] A. Gulc, "Determinants of Courier Service Quality in e-Commerce from Customers' Perspective," *Qual. Innov. Prosper.*, vol. 24, no. 2, hlm. 137, Jul 2020, doi: 10.12776/qip.v24i2.1438.

[6] "Tokopedia Masih Jadi E-Commerce Paling Banyak Dikunjungi pada Kuartal III 2021 | Databoks." https://databoks.katadata.co.id/datapublish/2021/11/18/tokopedia-masih-jadi-e-commerce-paling-banyak-dikunjungi-pada-kuartal-iii-2021 (diakses 29 Juli 2022).

[7] "Bukalapak – Apps on Google Play." https://play.google.com/store/apps/details?id=com.bukalapak.android (diakses 9 Juli 2022).

[8] "Tokopedia – Apps on Google Play." https://play.google.com/store/apps/details?id=com.tokopedia.tkpd (diakses 8 Juli 2022).

[9] "Shopee 7.7 Mega Elektronik – Apps on Google Play." https://play.google.com/store/apps/details?id=com.shopee.id (diakses 9 Juli 2022).

[10] D. Sasmita, M. Ariyanti, dan M. Y. Febrianta, "Analisis Kualitas Layanan Pada Platform E-commerce Indonesia Menggunakan Topic Modeling Dan Analisis Sentimen (studi Kasus: Tokopedia, Shopee, Bukalapak)," *EProceedings Manag.*, vol. 8, no. 1, 2021.

[11] M. Ingaldi, "Overview of the main methods of service quality analysis," *Prod. Eng. Arch.*, vol. 18, no. 18, hlm. 54–59, Mar 2018, doi: 10.30657/pea.2018.18.10.

[12] M. Deb dan E. Lomo-David, "Evaluation of retail service quality using analytic hierarchy process," *Int. J. Retail Distrib. Manag.*, vol. 42, no. 6, hlm. 521–541, Jun 2014, doi: 10.1108/IJRDM-12-2013-0217.

[13] N. Valaei, S. Rezaei, dan M. K. Shahijan, "CouQual: assessing overall service quality in courier service industry and the moderating impact of age, gender and ethnicity," *Int. J. Manag. Concepts Philos.*, vol. 9, no. 2, hlm. 144, 2016, doi: 10.1504/IJMCP.2016.077770.

[14] E. Fernando dan P. Siagian, "Proposal to use the Analytic Hierarchy Process Method Evaluate Bank Credit Submissions," *Procedia Comput. Sci.*, vol. 179, hlm. 232–241, 2021, doi: 10.1016/j.procs.2021.01.002.

[15] P.-H. Tseng dan K. Cullinane, "Key criteria influencing the choice of Arctic shipping: a fuzzy analytic hierarchy process model," *Marit. Policy Manag.*, vol. 45, no. 4, hlm. 422–438, Mei 2018, doi: 10.1080/03088839.2018.1443225.

[16] B. Enkhbayar dan J. S. Chang, "Identifying priority attributes for improving Ulaanbaatar bus services using the analytic hierarchy process," *Transp. Res. Procedia*, vol. 48, hlm. 2990–2998, 2020, doi: 10.1016/j.trpro.2020.08.186.

[17] A.-B. Heindl dan I. Liefner, "The Analytic Hierarchy Process as a methodological contribution to improve regional innovation system research: Explored through comparative research in China," *Technol. Soc.*, vol. 59, hlm. 101197, Nov 2019, doi: 10.1016/j.techsoc.2019.101197.

[18] I. Mashal, O. Alsaryrah, T.-Y. Chung, dan F.-C. Yuan, "A multi-criteria analysis for an internet of things application recommendation system," *Technol. Soc.*, vol. 60, hlm. 101216, Feb 2020, doi: 10.1016/j.techsoc.2019.101216.

[19] M. Y. Fathoni, D. Darmansah, dan D. Januarita, "Sistem Pendukung Keputusan Pemilihan Siswa Teladan Menggunakan Metode Simple Additive Weighting (SAW) Pada SMK Telkom Purwokerto," *J. Sisfokom Sist. Inf. Dan Komput.*, vol. 10, no. 3, hlm. 346–353, Nov 2021, doi: 10.32736/sisfokom.v10i3.1202.

[20] A. W. Khan, I. Hussain, dan M. Zamir, "Analytic hierarchy process-based prioritization framework for vendor's reliability challenges in global software development," *J. Softw. Evol. Process*, vol. 33, no. 3, Mar 2021, doi: 10.1002/smr.2310.

[21] E. Tasrif, H. K. Saputra, D. Kurniadi, H. Hidayat, dan A. Mubai, "Designing Website-Based Scholarship Management Application for Teaching of Analytical Hierarchy Process (AHP) in Decision Support Systems (DSS) Subjects," *Int. J. Interact. Mob. Technol. IJIM*, vol. 15, no. 09, hlm. 179, Mei 2021, doi: 10.3991/ijim.v15i09.23513.

[22] M. A. Akbar, A. A. Khan, S. Mahmood, A. Alsanad, dan A. Gumaei, "A robust framework for cloud-based software development outsourcing factors using analytical hierarchy process," *J. Softw. Evol. Process*, vol. 33, no. 2, Feb 2021, doi: 10.1002/smr.2275.

[23] D. Chaffey, *E-business and e-commerce management: strategy, implementation and practice*, 4th ed. Harlow, England ; New York: FT Prentice Hall, 2009.

[24] B. K. Williams dan S. C. Sawyer, *Using information technology: a practical introduction to computers & communications: Complete version*, 9th ed. New York, NY: McGraw-Hill, 2011.

[25] S. Ok, R. Suy, L. Chhay, dan C. Choun, "Customer Satisfaction and Service Quality in the Marketing Practice: Study on Literature Review," *Asian Themes Soc. Sci. Res.*, vol. 1, no. 1, hlm. 21–27, 2018, doi: 10.33094/journal.139.2018.11.21.27.

[26] D. Uzun Ozsahin, A. Denker, A. G. Kibarer, dan S. Kaba, "Evaluation of stage IV brain cancer treatment techniques," dalam *Applications of Multi-Criteria Decision-Making Theories in Healthcare and Biomedical Engineering*, Elsevier, 2021, hlm. 59–69. doi: 10.1016/B978-0-12-824086-1.00004-9.

[27] F. Torfi, R. Z. Farahani, dan S. Rezapour, "Fuzzy AHP to determine the relative weights of evaluation criteria and Fuzzy TOPSIS to rank the alternatives," *Appl. Soft Comput.*, vol. 10, no. 2, hlm. 520–528, Mar 2010, doi: 10.1016/j.asoc.2009.08.021.

[28] A. Jamwal, R. Agrawal, M. Sharma, dan V. Kumar, "Review on multi-criteria decision analysis in sustainable manufacturing decision making," *Int. J. Sustain. Eng.*, vol. 14, no. 3, hlm. 202–225, Mei 2021, doi: 10.1080/19397038.2020.1866708.

[29] S. D. Pohekar dan M. Ramachandran, "Application of multi-criteria decision making to sustainable energy planning—A review," *Renew. Sustain. Energy Rev.*, vol. 8, no. 4, hlm. 365–381, Agu 2004, doi: 10.1016/j.rser.2003.12.007.

[30] R. A. Ribeiro, "Fuzzy multiple attribute decision making: A review and new preference elicitation techniques," *Fuzzy Sets Syst.*, vol. 78, no. 2, hlm. 155–181, Mar 1996, doi: 10.1016/0165-0114(95)00166-2.

[31] E. Vassoney, A. Mammoliti Mochet, E. Desiderio, G. Negro, M. G. Pilloni, dan C. Comoglio, "Comparing Multi-Criteria Decision-Making Methods for the Assessment of Flow Release Scenarios From Small Hydropower Plants in the Alpine Area," *Front. Environ. Sci.*, vol. 9, hlm. 635100, Apr 2021, doi: 10.3389/fenvs.2021.635100.

[32] P. C. Fishburn, "Letter to the Editor—Additive Utilities with Incomplete Product Sets: Application to Priorities and Assignments," *Oper. Res.*, vol. 15, no. 3, hlm. 537–542, Jun 1967, doi: 10.1287/opre.15.3.537.

[33] P. W. Bridgman, *Dimensional analysis,*. New Haven: Yale University Press, 1922.

[34] T. L. Saaty, *The analytic hierarchy process: planning, priority setting, resource allocation*. New York; London: McGraw-Hill International Book Co., 1980. Diakses: 19 Juli 2022. [Daring]. Tersedia pada: https://archive.org/details/analytichierarch0000saat

[35] Ching-Lai Hwang dan K. Kwangsun Yoon, *Multiple attribute decision making: methods and applications, a state-of-the-art survey*. Berlin: Springer, 1981.

[36] S. Opricovic, "Multicriteria optimization of civil engineering systems," *Fac. Civ. Eng. Belgrade*, vol. 2, no. 1, hlm. 5–21, 1998.

[37] T. Harputlugil, "Analytic Hierarchy Process (AHP) As an Assessment Approach for Architectural Design: Case Study of Architectural Design Studio," *Iconarp Int. J Archit. Plan.*, vol. 6, no. 2, hlm. 217–245, Des 2018, doi: 10.15320/ICONARP.2018.53.

[38] R. Ramanathan, "Multicriteria Analysis of Energy," dalam *Encyclopedia of Energy*, Elsevier, 2004, hlm. 77–88. doi: 10.1016/B0-12-176480-X/00240-0.

[39] T. L. Saaty dan others, "Decision making with the analytic hierarchy process," *Int. J. Serv. Sci.*, vol. 1, no. 1, hlm. 83–98, 2008.

[40] L. D. Hopkins, "Multi-attribute Decision Making in Urban Studies," dalam *International Encyclopedia of the Social & Behavioral Sciences*, Elsevier, 2001, hlm. 10157–10160. doi: 10.1016/B0-08-043076-7/04437-5.

[41] R. Kumar dan S. K. Singal, "Penstock material selection in small hydropower plants using MADM methods," *Renew. Sustain. Energy Rev.*, vol. 52, hlm. 240–255, Des 2015, doi: 10.1016/j.rser.2015.07.018.

[42] R. V. Vargas dan P. IPMA-B, "Using the analytic hierarchy process (ahp) to select and prioritize projects in a portfolio," dalam *PMI global congress*, PA: Project Management Institute Washington, DC, 2010, hlm. 1–22.

[43] J. Xu, L. Wang, dan J. Lu, "A study of AHP-fuzzy comprehensive evaluation on the development of eco-enterprise," dalam *2008 International Conference on Management Science and Engineering 15th Annual Conference Proceedings*, Long Beach, CA: IEEE, Sep 2008, hlm. 219–224. doi: 10.1109/ICMSE.2008.4668919.

[44] Y.-D. Zhou dan M.-L. Shi, "Rail Transit Project Risk Evaluation Based on AHP Model," dalam *2009 Second International Conference on Information and Computing Science*, Manchester, England, UK: IEEE, 2009, hlm. 236–238. doi: 10.1109/ICIC.2009.265.

[45] J. A. Alonso dan M. T. Lamata, "CONSISTENCY IN THE ANALYTIC HIERARCHY PROCESS: A NEW APPROACH," *Int. J. Uncertain. Fuzziness Knowl.-Based Syst.*, vol. 14, no. 04, hlm. 445–459, Agu 2006, doi: 10.1142/S0218488506004114.

[46] K. D. Goepel, "Implementation of an Online Software Tool for the Analytic Hierarchy Process (AHP-OS)," *Int. J. Anal. Hierarchy Process*, vol. 10, no. 3, Des 2018, doi: 10.13033/ijahp.v10i3.590.

[47] Nurmalini dan R. Rahim, "Study Approach of Simple Additive Weighting For Decision Support System," *Int. J. Sci. Res. Sci. Technol.*, vol. 3, hlm. 541–544, Apr 2017.

[48] G. Gorry dan M. Scott-Morton, "A framework for management information systems," *Sloan Manage. Rev.*, vol. 13, Jan 1971.

[49] S. Djamasbi dan E. T. Loiacono, "Do men and women use feedback provided by their Decision Support Systems (DSS) differently?," *Decis. Support Syst.*, vol. 44, no. 4, hlm. 854–869, Mar 2008, doi: 10.1016/j.dss.2007.10.008.

[50] P. Todd dan I. Benbasat, "Evaluating the Impact of DSS, Cognitive Effort, and Incentives on Strategy Selection," *Inf. Syst. Res.*, vol. 10, no. 4, hlm. 356–374, Des 1999, doi: 10.1287/isre.10.4.356.

[51] Speier dan Morris, "The Influence of Query Interface Design on Decision-Making Performance," *MIS Q.*, vol. 27, no. 3, hlm. 397, 2003, doi: 10.2307/30036539.

[52] Wang dan Benbasat, "Interactive Decision Aids for Consumer Decision Making in E-Commerce: The Influence of Perceived Strategy Restrictiveness," *MIS Q.*, vol. 33, no. 2, hlm. 293, 2009, doi: 10.2307/20650293.

[53] W. A. Teniwut dan C. L. Hasyim, "Decision support system in supply chain: A systematic literature review," *Uncertain Supply Chain Manag.*, hlm. 131–148, 2020, doi: 10.5267/j.uscm.2019.7.009.

[54] Klaus, "bpmsg/ahp-os." 25 Juli 2023. Diakses: 6 Agustus 2023. [Daring]. Tersedia pada: https://github.com/bpmsg/ahp-os

[55] "The GNU General Public License v3.0 - GNU Project - Free Software Foundation." https://www.gnu.org/licenses/gpl-3.0.en.html (diakses 6 Agustus 2023).

[56] R. P. Pawar, "A comparative study of agile software development methodology and traditional waterfall model," *IOSR J. Comput. Eng.*, hlm. 1–8, 2015.

[57] B. P. Mramba dan S. F. Kaijage, "Design of an Interactive Mobile Application for Maternal, Neonatal and Infant Care Support for Tanzania," *J. Softw. Eng. Appl.*, vol. 11, no. 12, hlm. 569–584, 2018, doi: 10.4236/jsea.2018.1112034.

[58] R. Murad, H. S. Hussain, H. Samad, W. A. Tahi, dan M. Hanif Ali, "Collaborative Research Management Method in Knowledge Management: Conceptual Foundations and Research Issues," dalam *2018 4th International Conference on Computer and Information Sciences (ICCOINS)*, Kuala Lumpur: IEEE, Agu 2018, hlm. 1–5. doi: 10.1109/ICCOINS.2018.8510583.

[59] J. Martin, *Rapid application development*. New York : Toronto : New York: Macmillan Pub. Co. ; Collier Macmillan Canada ; Maxwell Macmillan International, 1991.

[60] R. Agarwal, J. Prasad, M. Tanniru, dan J. Lynch, "Risks of rapid application development," *Commun. ACM*, vol. 43, no. 11es, hlm. 1, Nov 2000, doi: 10.1145/352515.352516.

[61] K. N. Kas, M. H. A. Hijazi, G. Chen, dan A. Sarrafzadeh, "A Review: Software Defined Networks Management," *Proc. Asia-Pac. Adv. Netw.*, vol. 39, no. 0, hlm. 20, Jun 2015, doi: 10.7125/APAN.39.2.

[62] M. R. Haque *dkk.*, "Motivation of DDoS Attack-Aware in Software Defined Networking Controller Placement," dalam *2017 International Conference on Computer and Applications (ICCA)*, Doha, United Arab Emirates: IEEE, Sep 2017, hlm. 36–42. doi: 10.1109/COMAPP.2017.8079751.

[63] N. F. Ali, A. M. Said, K. Nisar, dan I. A. Aziz, "A survey on software defined network approaches for achieving energy efficiency in wireless sensor network," dalam *2017 IEEE Conference on Wireless Sensors (ICWiSe)*, Miri: IEEE, Nov 2017, hlm. 1–6. doi: 10.1109/ICWISE.2017.8267157.

[64] K. Nisar, M. Hijazi, dan A. Ibrahim, "A new model for virtual machine migration with software defined networking," dalam *Proc. 4th Int. Conf. Comput. Sci., Comput. Eng., Educ. Technol.(CSCEET)*, 2017, hlm. 1–6.

[65] S. Harada, Z. Yan, Y.-J. Park, K. Nisar, dan A. A. A. Ibrahim, "Data aggregation in named data networking," dalam *TENCON 2017 - 2017 IEEE Region 10 Conference*, Penang: IEEE, Nov 2017, hlm. 1839–1842. doi: 10.1109/TENCON.2017.8228157.

[66] V. Jain, J. M. Chatterjee, A. Bansal, A. Jain, dan U. Kose, Ed., *Computational intelligence in software modelling*. dalam De gruyter frontiers in computational intelligence, no. 13. Boston/Berlin: De Gruyter, 2022.

[67] I. Markoulidakis, I. Rallis, I. Georgoulas, G. Kopsiaftis, A. Doulamis, dan N. Doulamis, "Multiclass Confusion Matrix Reduction Method and Its

Application on Net Promoter Score Classification Problem," *Technologies*, vol. 9, no. 4, hlm. 81, Nov 2021, doi: 10.3390/technologies9040081.

[68] I. K. A. Wijaya, G. R. Dantes, dan I. M. Candiasa, "Implementasi Sistem Pendukung Keputusan Pemilihan Guru dan Siswa Berprestasi dengan Kombinasi Metode Analytical Hierarchy Process dan Technique for Order Preference by Similarity to Ideal Solution," *J. Nas. Pendidik. Tek. Inform. JANAPATI*, vol. 10, no. 2, hlm. 77, Jul 2021, doi: 10.23887/janapati.v10i2.29386.

[69] "AHP-ANP practical Application with Pros and Cons – BPMSG," 27 Juni 2011. https://bpmsg.com/ahp-anp-practical-application-with-pros-and-cons/ (diakses 23 Agustus 2023).

[70] "Analytic Hierarchy Process (AHP) – BPMSG," 15 November 2011. https://bpmsg.com/analytic-hierarchy-process-ahp/ (diakses 23 Agustus 2023).

[71] R. Larson, *Elementary Linear Algebra*. Brooks/Cole, Cengage Learning, 2013.

[72] J. Klein dan C.-M. U. P. PA, "Calculating the AHP Priority Vector," 2019.