

## REFERENCES

- [1] A. Sharabati, S. Al-Haddad, A. Al-Khasawneh, and M. A. M. Al-Saleh, "The impact of digital marketing on the performance of SMEs," *Sustainability*, vol. 16, no. 19, 2024.
- [2] A. Purnomo, "Digital transformation of MSMEs in Indonesia: A systematic literature review," *Journal of Digital Management and Business (JMDB)*, 2024.
- [3] S. Wahyuni and R. Hartati, "Preservation of cultural values through traditional handicraft products," *Journal of Social Sciences and Humanities*, 2021.
- [4] Ministry of Youth and Sports of the Republic of Indonesia, "Profile of the recipient of the One Indonesia Award," 2022.
- [5] R. A. Nugroho and D. Pratama, "Data management problems in manual-based SMEs," *Journal of Information Systems*, vol. 15, no. 2, 2021.
- [6] M. Heizer, B. Render, and C. Munson, *Operations Management: Sustainability and Supply Chain Management*. Pearson Education, 2020.
- [7] N. Aisyah, A. Sitompul, and R. Sitorus, "The Utilization of Digital Marketing as a Marketing Media for Ulos Weaving," *Horizon Journal*, vol. 4, no. 1, 2023.
- [8] *Digital marketing strategy through social media in organizing the Inacraft 2022 event*, *Journal of Tourism and Economics*, vol. 5, no. 1, pp. 18–31, 2022.
- [9] P. J. Darus, A. Wibowo, and T. Hidayat, "The application of a product recommendation system in the marketplace using the collaborative filtering method," *Mars: Journal of Technology and Computer Science*, vol. 3, no. 2, 2022.
- [10] R. Burke, "Hybrid recommendation systems: Survey and experiments," *User Modeling and User-Adapted Interaction*. Springer, 2002.
- [11] A. N. Albalkhi and R. Komalasari, "DANISA Collection MSME Sales Information System (E-Commerce)".
- [12] G. Ayu Agustina, A. Heryati, J. Roni Coyanda, and F. Afriyani, "Website-Based Sales Information System for Optimizing MSMEs at MusiCraft in Palembang City".
- [13] I. U. Ahyati, E. N. Effan, S. E. Ainah, and F. B. Jerli, "Web-Based Sales Information System in Sasirangan Fabric MSMEs (Case Study: Sasirangan ABG Shop),"
- [14] M. G. Wonoseto and M. Y. Alfiandy, "Implementation of the Fuzzy AHP Method for Lending Decision Support System in Prosperous Credit Cooperatives," *Journal of Business Information Systems*, vol. 13, no. 2, pp. 104–111, Oct. 2023, doi: 10.21456/vol13iss2pp104-111.
- [15] L. Shi and X. Yang, "Personalized Recommendation Algorithm for Cultural and Creative Products Based on Fuzzy Decision Support System," *International Journal of Computational Intelligence Systems*, vol. 18, no.1, Dec. 2025, doi: 10.1007/s44196-025-00857-w.
- [16] M. Nasution, E. Husni, K. Kuspriyanto, and R. Yusuf, "Personalized Route Recommendation Using F-AHP-Express," *Sustainability (Switzerland)*, vol. 14, no. 17, Sep. 2022, doi: 10.3390/su141710831.
- [17] Farid, R. (2023). *Comparison of Fuzzy AHP, TOPSIS and SMART for Textile Raw Material Supplier Selection*. *Feasible Scientific Journal: Business, Entrepreneurship & Cooperatives*, 5(2), 130–142. <https://doi.org/10.32493/fb.v5i2.2023.130-142>.

- [18] K. Nisa, "Vendor Selection Application Using Fuzzy AHP and TOPSIS Methods," *Scientific Journal of Sisfo Media*, vol. 16, no. 1, pp. 20–32, Apr. 2022, doi: 10.33998/mediasisfo.2022.16.1.1159.
- [19] N. I. Sari *et al.*, "DECISION SUPPORT SYSTEM FOR THE SELECTION OF OUTSTANDING STUDENTS (KJP) AT SMAN 62 JAKARTA USING THE SIMPLE ADDITIVE WEIGHTING (SAW) METHOD," *Journal of Informatics Student Research and Application (JRAMI)*, vol. 06, 2025.
- [20] N. Rumui, N. Sakinah, C. Nur Rolan Niah, and F. Rumlatur, "The Application of the Weighted Product (WP) Method in the Employee Acceptance Decision Support System at Dewata Store Fakfak," *Journal of Information Technology and Computer Science*, vol. 11, no. 6, pp. 1335–1344, Dec. 2024, doi: 10.25126/jtiik.2024118739.
- [21] I. Al Khoiry, R. Gernowo, and B. Surarso, "Fuzzy-ahp moora approach for vendor selection applications," *Title: Scientific Journal of Information Systems Technology*, vol. 8, no. 1, pp. 24–37, 2022, doi: 10.26594/REGISTER.V8I1.2356.
- [22] Nurhaliza, N., Adha, R., & Mustakim, M. (2022). *Comparison of AHP, TOPSIS, and MOORA Methods for Recommendations for Underprivileged Scholarship Recipients. Scientific Journal of Information Systems Engineering and Management*, 8(1), 23–30
- [23] Rahmawati, S., Islami, M. R. R., & Sulistiyanto. (2022). *Comparison of Fuzzy Methods of AHP and TOPSIS in the Selection of Outstanding Scholarships. International Research on Big-Data and Computer Technology: I-Robot*, 6(1)
- [24] K. C. Laudon dan J. P. Laudon, "Management Information Systems: Managing the Digital Firm", 17th ed., Pearson, 2022.
- [25] H. M. Jogiyanto, "Management Information Systems", Open University, 2023.
- [26] H. Hidayat and A. Nugroho, *Sales Information System for Business Performance Optimization*, Yogyakarta: Graha Ilmu, 2020.
- [27] A. Hafezalkotob dan M. Shakeri, "Fuzzy AHP in Multi-Criteria Decision Making: A Comprehensive Review," *Journal of Intelligent & Fuzzy Systems*, vol. 42, no. 1, pp. 123–140, 2022
- [28] R. Kaur dan S. Singh, "Applications of Fuzzy AHP in Decision Making under Uncertainty," *International Journal of Fuzzy Systems*, vol. 25, no. 3, pp. 456–470, 2023.
- [29] Y. Zhang, L. Wang, dan H. Li, "Fuzzy AHP: Theory, Applications, and Recent Advances," *Applied Soft Computing*, vol. 116, 2024.
- [30] V. Patil dan S. Shinde, "Application of MOORA Method for Multi-Criteria Decision Making," *International Journal of Engineering and Management Research*, vol. 12, no. 4, pp. 45–52, 2022.
- [31] R. Sharma, P. Singh, dan K. Verma, "MOORA Method in Decision Making: A Review," *Journal of Modern Applied Statistical Methods*, vol. 21, no. 3, pp. 67–79, 2023.
- [32] M. Hassan, L. Wang, dan H. Zhang, "Integration of Fuzzy AHP and MOORA for Decision Support Systems," *Applied Soft Computing*, vol. 128, 2024.
- [33] E. Fitriani and M. Faqih, "Case Study of the Use of Visual Studio Code in Web Programming Learning," *Journal of Cohesion*, vol. 4, no. 3, 2024.

- [34] R. Anugrah and A. D. Saputra, "The Application of Bootstrap in Responsive Website Design to Improve User Experience," *Journal of Information Technology and Systems*, vol. 8, no. 2, pp. 112–120, 2023.
- [35] R. Hidayat and A. Ramdani, "Implementation of the Laravel Framework in Web Application Development," *Journal of Information Technology and Systems*, vol. 9, no. 3, pp. 44–52, 2022.
- [36] B. Rawat and S. Purnama, "MySQL Database Management System (DBMS) On FTP Site LAPAN Bandung," *International Journal of Cyber and IT Service Management (IJCITSM)*, vol. 1, no. 2, pp. 173–179, 2021, doi: 10.34306/ijcitsm.v1i1.47.
- [37] A. A. Permana and M. Wijana, "Design and Build a Web-Based Goods Sales Information System at Haji Agus Grocery Stores," *INTERNAL (Information System Journal)*, vol. 6, no. 1, pp. 46–54, doi: 10.32627.
- [38] A. Abdullah and B. Ceasar Octariadi, "Decision Support System for Thesis Title Recommendations for Informatics Engineering Study Program Using the ELECTRE Method," *DIGITAL INTELLIGENT*, vol. 2, no. 1, pp. 1–12, 2021.
- [39] N. Rumui, N. Sakinah, C. Nur Rolan Niah, and F. Rumalutur, "The Application of the Weighted Product (WP) Method in the Employee Acceptance Decision Support System at Dewata Store Fakfak," *Journal of Information Technology and Computer Science*, vol. 11, no. 6, pp. 1335–1344, Dec. 2024, doi: 10.25126/jtiik.2024118739.
- [40] N. Wahyudy, E. Haerani, F. Kurnia, L. H. Oktavia Informatics Engineering UIN Sultan Syarif Kasim Riau Jl Soebrantas no, and S. Baru, "Skincare Product Selection System for Men Using the Simple Additive Weighting (SAW) Method," vol. 5, 2022