

## REFERENCES

- [1] E.-S. T. Abumandour, "Public libraries' role in supporting e-learning and spreading lifelong education: a case study," *J. Res. Innov. Teach. Learn.*, vol. 14, no. 2, pp. 178–217, 2021, doi: 10.1108/jrit-06-2019-0063.
- [2] T. Muthuprasad, S. Aiswarya, K. S. Aditya, and G. K. Jha, "Students' perception and preference for online education in India during COVID -19 pandemic," *Soc. Sci. Humanit. Open*, vol. 3, no. 1, p. 100101, 2021, doi: 10.1016/j.ssaho.2020.100101.
- [3] M. Labib Jundillah, J. Endro Suseno, and B. Surarso, "Evaluation of E-learning Websites Using the Webqual Method and Importance Performance Analysis," *E3S Web Conf.*, vol. 01, no. 2019, pp. 1–5, 2010, [Online]. Available: <https://doi.org/10.1051/e3sconf/201>
- [4] J. F. Andry, K. Christianto, and F. R. Wilujeng, "Using Webqual 4.0 and Importance Performance Analysis to Evaluate E-Commerce Website," *J. Inf. Syst. Eng. Bus. Intell.*, vol. 5, no. 1, p. 23, 2019, doi: 10.20473/jisebi.5.1.23-31.
- [5] J. Jiang, "A systematic review for identifying instructional design strategies A systematic review for identifying instructional design strategies and principles in extended massive open online courses and principles in extended massive open online courses (xMOOCs)," *West. Univ.*, vol. 81, no. 24, 2021, [Online]. Available: <https://ir.lib.uwo.ca/etdhttps://ir.lib.uwo.ca/etd/8124>
- [6] I. S. Utami, Winarno, and H. Setiadi, "Analysis the Effect of Website Quality on User Satisfaction with the WebQual 4.0 Method and Importance-Performance Analysis (IPA) (Case Study: SPMB Sebelas Maret University's Website)," *J. Phys. Conf. Ser.*, vol. 1842, no. 1, pp. 0–8, 2021, doi: 10.1088/1742-6596/1842/1/012003.
- [7] J. A. Martilla, And, and J. C. James, "Importance-Per Analysis," *J. Mark.*, vol. 41, no. 1, pp. 77–79, 2010.
- [8] A. F. Tarasov, I. A. Getman, S. S. Turlakova, I. I. Stashkevych, and S. M. Kozmenko, "Methodical aspects of preparation of educational content on the basis of distance education platforms," *CEUR Workshop Proc.*, vol. 2643, pp. 161–173, 2020, doi: 10.55056/cte.326.
- [9] J. Li and Z. Ye, "Course Recommendations in Online Education Based on Collaborative Filtering Recommendation Algorithm," *Complexity*, vol. 2020, 2020, doi: 10.1155/2020/6619249.
- [10] Y.-K. Huang, W.-S. Fan, M.-C. Tsai, and Y.-H. Ho, "Using Importance-Performance Analysis in Evaluating Taiwan Blog e-Service Quality," *J. Econ. Bus. Manag.*, vol. 3, no. 3, pp. 338–345, 2015, doi: 10.7763/joebm.2015.v3.206.
- [11] P. G. M. de Jong, J. D. Pickering, R. A. Hendriks, B. J. Swinnerton, F. Goshtasbpour, and M. E. J. Reinders, "Twelve tips for integrating massive open online course content into classroom teaching," *Med. Teach.*, vol. 42, no. 4, pp. 393–397, 2020, doi: 10.1080/0142159X.2019.1571569.
- [12] G. Nalli, D. Amendola, A. Perali, and L. Mostarda, "Comparative analysis of clustering algorithms and moodle plugin for creation of student heterogeneous groups in online university courses," *Appl. Sci.*, vol. 11, no. 13, 2021, doi: 10.3390/app11135800.
- [13] W. N. W. Ab Rahman, H. Zulzalil, I. Ishak, and A. W. Selamat, "Analysis of web content quality factors for massive open online course using the rasch model," *Int. J. Adv. Comput. Sci. Appl.*, vol. 11, no. 3, pp. 578–587, 2020, doi: 10.14569/ijacs.2020.0110373.
- [14] I. S. Utami, Winarno, and H. Setiadi, "Analysis the Effect of Website Quality on User Satisfaction with the WebQual 4.0 Method and Importance-Performance Analysis (IPA) (Case Study: SPMB Sebelas Maret University's Website)," *J. Phys. Conf. Ser.*, vol. 1842, no. 1, 2021, doi: 10.1088/1742-6596/1842/1/012003.
- [15] R. A. Nugraha, D. Andriyanto, D. Riana, and S. N. Khasanah, "Analysis of Factors Affecting Quality of corona.jatengprov.go.id Website towards User Satisfaction using Webqual 4.0 Method," *J. Phys. Conf. Ser.*, vol. 1641, no. 1, pp. 0–6, 2020, doi: 10.1088/1742-6596/1641/1/012066.
- [16] I. G. N. S. Wijaya, E. Triandini, E. T. G. Kabnani, and S. Arifin, "E-commerce website service quality and customer loyalty using WebQual 4.0 with importance performances analysis, and structural equation model: An empirical study in shopee," *Regist. J. Ilm. Teknol. Sist. Inf.*, vol. 7, no. 2, pp. 107–124, 2021, doi: 10.26594/register.v7i2.2266.
- [17] Sugiyono, "Metode Penelitian Kuantitatif, Kualitatif, dan R&D. Bandung: Alfabeta. Badan," 2019.
- [18] G. D. G. E. Sidabutar, J. A. Seah, and Y. A. Singgalen, "Analysis and Design of Web-based Information System for Coffeeshop Management using Design Thinking Methodology: Case of Kopi KurangLebih," *J. Inf. Syst. Informatics*, vol. 5, no. 1, pp. 217–231, 2023, doi: 10.5151/journalisi.v5i1.455.
- [19] D. Dhayita, M. Aryanti, and D. Jatnika, "User Satisfaction Analysis of the Regular Live Unpad Learning Management System Website with Webqual 4 . 0 and Importance Performance Analysis Methods," *Int. J. Soc. Heal.*, vol. 3, no. 6, pp. 341–350, 2024.
- [20] M. L. Hamzah, R. F. Rahmadhani, and A. A. Purwati, "An Integration of Webqual 4.0, Importance Performance Analysis and Customer Satisfaction Index on E-Campus," *J. Syst. Manag. Sci.*, vol. 12, no. 3, pp. 25–50, 2022, doi: 10.33168/JSMS.2022.0302.