

## DAFTAR PUSTAKA

- M. Stawowy, S. Duer, J. Paś, and W. Wawrzyński, “Determining Information Quality in ICT Systems,” *Energies*, vol. 14, no. 17, p. 5549, Sep. 2021, doi: 10.3390/en14175549.
- Q. B. LE, M. D. NGUYEN, V. C. BUI, and T. M. H. DANG, “The Determinants of Management Information Systems Effectiveness in Small- and Medium-Sized Enterprises,” *J. Asian Financ. Econ. Bus.*, vol. 7, no. 8, pp. 567–576, Aug. 2020, doi: 10.13106/jafeb.2020.vol7.no8.567.
- E. E. Sala and A. P. Subriadi, “Hot-Fit Model to Measure the Effectiveness and Efficiency of Information System in Public Sector,” *The Winners*, vol. 23, no. 2, pp. 131–141, May 2023, doi: 10.21512/tw.v23i2.7423.
- Ichsandi, W. Yanto, H. Alhaq, R. S. Sari, and M. Juanda, “Impression : Jurnal Teknologi dan Informasi,” *Teknol. Dan Inf.*, vol. 4, no. 2, 2025, [Online]. Available: file:///C:/Users/User/Downloads/8.+Ichsandi.pdf
- J. Torcal, V. Moreno, J. Llorens, and A. Granados, “Creating and Validating a Ground Truth Dataset of Unified Modeling Language Diagrams Using Deep Learning Techniques,” *Appl. Sci.*, vol. 14, no. 23, p. 10873, Nov. 2024, doi: 10.3390/app142310873.
- Y. Aryani, I. Aqil, and B. Paramita, “Penerapan Unified Modeling Language (UML) pada Digitalisasi Sistem Informasi Perpustakaan,” *Digit. Transform. Technol.*, vol. 4, no. 2, pp. 1032–1040, Jan. 2025, doi: 10.47709/digitech.v4i2.5153.

- R. P. Nair, M. G. Thushara, and K. Somasundaram, "Graph-Based Generation and Validation of Use Case Diagrams," *Procedia Comput. Sci.*, vol. 259, pp. 1356–1365, 2025, doi: 10.1016/j.procs.2025.04.090.
- M. M. I. Molla, J. Ahmad, and W. M. N. Wan Kadir, "A Comparison of Transforming the User Stories and Functional Requirements into UML Use Case Diagram," *Int. J. Innov. Comput.*, vol. 14, no. 1, pp. 29–36, May 2024, doi: 10.11113/ijic.v14n1.463.
- O. Nĭkiforova, K. Babris, and A. Guliyeva, "Definition of a Set of Use Case Patterns for Application Systems: A Prototype-Supported Development Approach," *Appl. Comput. Syst.*, vol. 29, no. 1, pp. 59–67, Jun. 2024, doi: 10.2478/acss-2024-0008.
- F. Siewe and G. M. Ngounou, "On the Execution and Runtime Verification of UML Activity Diagrams," *Software*, vol. 4, no. 1, p. 4, Feb. 2025, doi: 10.3390/software4010004.
- A. A. Zhahir *et al.*, "Entanglement Quantification and Classification: A Systematic Literature Review," *Int. J. Adv. Comput. Sci. Appl.*, vol. 13, no.
- K. Brito and P. J. L. Adeodato, "Measuring the performances of politicians on social media and the correlation with major Latin American election results," *Gov. Inf. Q.*, vol. 39, no. 4, p. 101745, Oct. 2022, doi: 10.1016/j.giq.2022.101745.
- C. Politowski *et al.*, "A large scale empirical study of the impact of Spaghetti Code and Blob anti-patterns on program comprehension," *Inf. Softw. Technol.*, vol. 122, p. 106278, Jun. 2020, doi: 10.1016/j.infsof.2020.106278.
- F. Gualo, M. Rodriguez, J. Verdugo, I. Caballero, and M. Piattini, "Data quality

- certification using ISO/IEC 25012: Industrial experiences,” *J. Syst. Softw.*, vol. 176, p. 110938, Jun. 2021, doi: 10.1016/j.jss.2021.110938.
- T. Taipalus, V. Seppänen, and M. Pirhonen, “Uncertainty in information system development: Causes, effects, and coping mechanisms,” *J. Syst. Softw.*, vol. 168, p. 110655, Oct. 2020, doi: 10.1016/j.jss.2020.110655.
- Y. Benferdia, M. N. Ahmad, M. Mustafa, and M. A. M. Ali, “The Role of Ontologies through the Lifecycle of Virtual Reality based Training (VRT) Development Process: A Review Study,” *Int. J. Adv. Comput. Sci. Appl.*, vol. 12, no. 9, 2021, doi: 10.14569/IJACSA.2021.0120916.
- P. N.P.S.S., N. M.G.G.S., J. L.H.M., A. Shansala, J. Wickramarathne, and W. Tissera, “Asphone – The Sign Language Interpreter Module,” *Int. J. Comput. Appl.*, vol. 184, no. 36, pp. 12–15, Nov. 2022, doi: 10.5120/ijca2022922453.
- A. Polyvyanyy, A. Pika, and A. H. M. ter Hofstede, “Scenario-based process querying for compliance, reuse, and standardization,” *Inf. Syst.*, vol. 93, p. 101563, Nov. 2020, doi: 10.1016/j.is.2020.101563.
- C. J. J. Sheela and G. Suganthi, “Automatic Brain Tumor Segmentation from MRI using Greedy Snake Model and Fuzzy C-Means Optimization,” *J. King Saud Univ. - Comput. Inf. Sci.*, vol. 34, no. 3, pp. 557–566, Mar. 2022, doi: 10.1016/j.jksuci.2019.04.006.
- D. Zhang, L. G. Pee, S. L. Pan, and W. Liu, “Orchestrating artificial intelligence for urban sustainability,” *Gov. Inf. Q.*, vol. 39, no. 4, p. 101720, Oct. 2022, doi: 10.1016/j.giq.2022.101720.
- L. Zhao, “Event Prediction in the Big Data Era,” *ACM Comput. Surv.*, vol. 54, no.

- 5, pp. 1–37, Jun. 2022, doi: 10.1145/3450287.
- Y. Ding, Y. Shi, A. Wang, Y. Wang, and G. Zhang, “Block-oriented correlation power analysis with bitwise linear leakage: An artificial intelligence approach based on genetic algorithms,” *Futur. Gener. Comput. Syst.*, vol. 106, pp. 34–42, May 2020, doi: 10.1016/j.future.2019.12.046.
- W.-Y. Hwang, M. I. Luthfi, U. Hariyanti, and R. Wardani, “Evaluation of fraction learning in authentic context using Ubiquitous Fraction App,” *Educ. Inf. Technol.*, vol. 28, no. 6, pp. 6755–6779, Jun. 2023, doi: 10.1007/s10639-022-11453-2.
- A. Niarman, Iswandi, and A. K. Candri, “Comparative Analysis of PHP Frameworks for Development of Academic Information System Using Load and Stress Testing,” *Int. J. Softw. Eng. Comput. Sci.*, vol. 3, no. 3, pp. 424–436, Dec. 2023, doi: 10.35870/ijsecs.v3i3.1850.
- Z. Yin and S. U.-J. Lee, “Security Analysis of Web Open-Source Projects Based on Java and PHP,” *Electronics*, vol. 12, no. 12, p. 2618, Jun. 2023, doi: 10.3390/electronics12122618.
- J. Zborowski and M. Pańczyk, “Comparative analysis of web applications implemented in: PHP and Python,” *J. Comput. Sci. Inst.*, vol. 26, pp. 18–22, Mar. 2023, doi: 10.35784/jcsi.3071.
- F. P. Utami, H. Z. Alifa, and M. A. Yaqin, “Implementasi Black Box Testing Pada Game Ular Untuk Mendeteksi Bug,” *J. Autom. Comput. Inf. Syst.*, vol. 4, no. 2, pp. 76–87, Jul. 2024, doi: 10.47134/jacis.v4i2.85.
- M. Ansfridus, B. Yudi Dwiandiyanta, and A. Wahyu Rahardjo Emanuel, “Black

Box Testing dengan Metode Equivalence Partitioning pada Techno Expertise Academy (TEA) Astra Credit Companies,” *KONSTELASI Konvergensi Teknol. dan Sist. Inf.*, vol. 4, no. 2, Dec. 2024, doi: 10.24002/konstelasi.v4i2.8996.

Arya Sultansyah, Astri Sri Rahayu, Iqbal Yudiana, Padjrin Fauzi, Elsa Nur Aripin, and Subhanjaya Angga Atmaja, “Pengujian Black Box Testing Pada Fitur Permohonan Informasi Publik Melalui Website Pemerintah Jawa Barat,” *J. Pengabd. Masy. dan Ris. Pendidik.*, vol. 3, no. 4, pp. 5912–5919, Jun. 2025, doi: 10.31004/jerkin.v3i4.1520.

P. M. Effendi and D. Nurmawati, “Development and Implementation of a Web-Based Citizen Data Management System for Village Administration: A Case Study of Keboan Anom Village, Sidoarjo, Indonesia,” *Indones. J. Cult. Community Dev.*, vol. 14, no. 2, Jun. 2023, doi: 10.21070/ijccd2023922.