

DAFTAR PUSTAKA

- [1] A. D. Nosova, T. T. Gazizov, A. N. Stas, and P. A. Shelupanova, "Application of information systems for accounting and analysis of employee data," *Proceedings of Tomsk State University of Control Systems and Radioelectronics*, vol. 23, no. 4, pp. 85–90, Dec. 2020, doi: 10.21293/1818-0442-2020-23-4-85-90.
- [2] S. M. Gusarov and K. Yu. Melnyk, "Protection of personal data of the employee," *Law and Safety*, vol. 89, no. 2, pp. 133–144, Jun. 2023, doi: 10.32631/pb.2023.2.12.
- [3] I. Ebert, I. Wildhaber, and J. Adams-Prassl, "Big Data in the workplace: Privacy Due Diligence as a human rights-based approach to employee privacy protection," *Big Data Soc*, vol. 8, no. 1, 2021, doi: 10.1177/205395172111013051.
- [4] A. Singh, "From Past to Present: The Evolution of Data Breach Causes (2005–2025)," *LatIA*, vol. 3, Jan. 2025, doi: 10.62486/latia2025333.
- [5] E. Argyridou *et al.*, "Cyber Hygiene Methodology for Raising Cybersecurity and Data Privacy Awareness in Health Care Organizations: Concept Study," *J Med Internet Res*, vol. 25, 2023, doi: 10.2196/41294.
- [6] "117-121-UPDATED-PROX+BN_2022+Conference(RP+Edits+v2)".
- [7] K. Venkitachalam, J. Lee, and H. Han, "Management of knowledge and competence through human resource information system—A structured review."
- [8] C. A. Bilen, "Are critical success factors for cybersecurity just technical issues Cybersecurity management and the human factor," *Pressacademia*, Jun. 2023, doi: 10.17261/pressacademia.2023.1735.
- [9] C. L. Cofino *et al.*, "New Management Standard for Digital Data Protection Using A PDCA Model Anchored to ISO/IEC 27001 and R.A. 10173," *International Journal of Emerging Technology and Advanced Engineering*, vol. 13, no. 5, pp. 84–89, May 2023, doi: 10.46338/ijetae0523_08.
- [10] M. Krichen, M. Ammi, A. Mihoub, and M. Almutiq, "Blockchain for Modern Applications: A Survey," Jul. 01, 2022, *MDPI*. doi: 10.3390/s22145274.
- [11] M. Paliwal and P. Saraswat, "An Overview on Blockchain," *International Journal of Innovative Research in Computer Science & Technology*, pp. 127–130, Nov. 2021, doi: 10.55524/ijircst.2021.9.6.29.
- [12] H. Li, "The Applications of Cryptocurrency: Evidence from Ethereum," 2022.
- [13] M. Hasnain, F. R. Albogamy, S. S. Alamri, I. Ghani, and B. Mehboob, "The Hyperledger fabric as a Blockchain framework preserves the security of electronic health records," 2023, *Frontiers Media SA*. doi: 10.3389/fpubh.2023.1272787.
- [14] S. Ismail, H. Reza, H. K. Zadeh, and F. Vasefi, "A Blockchain-based IoT Security Solution Using Multichain," in *2023 IEEE 13th Annual Computing and Communication Workshop and Conference, CCWC 2023*, Institute of Electrical and Electronics Engineers Inc., 2023, pp. 1105–1111. doi: 10.1109/CCWC57344.2023.10099128.

- [15] C. Márcio *et al.*, “A middleware for systems consumes Ethereum data in soft real-time: a Semantic Web approach.” [Online]. Available: <http://dbpedia.org/resource/>
- [16] Arun M, “E-VOTING SYSTEM USING ETHEREUM BLOCKCHAIN,” *International Journal of Scientific Research in Engineering and Management (IJSREM)*, p. 7, 2023, doi: 10.55041/IJSREM25968.
- [17] F. M. De Collibus, M. Piškorec, A. Partida, and C. J. Tessone, “The Structural Role of Smart Contracts and Exchanges in the Centralisation of Ethereum-Based Cryptoassets,” *Entropy*, vol. 24, no. 8, Aug. 2022, doi: 10.3390/e24081048.
- [18] S. Kitzler, F. Victor, P. Saggese, and B. Haslhofer, “Disentangling Decentralized Finance (DeFi) Compositions,” *ACM Transactions on the Web*, vol. 17, no. 2, Mar. 2023, doi: 10.1145/3532857.
- [19] M. Tang, X. Feng, and W. Chen, “Exploring the NFT market on ethereum: a comprehensive analysis and daily volume forecasting,” *Conn Sci*, vol. 35, no. 1, 2023, doi: 10.1080/09540091.2023.2286912.
- [20] D. Koutmos, “Network Activity and Ethereum Gas Prices,” *Journal of Risk and Financial Management*, vol. 16, no. 10, Oct. 2023, doi: 10.3390/jrfm16100431.
- [21] Y. Faqir-Rhazoui, M. J. Ariza-Garzón, J. Arroyo, and S. Hassan, “Effect of the Gas Price Surges on User Activity in the DAOs of the Ethereum Blockchain,” in *Conference on Human Factors in Computing Systems - Proceedings*, Association for Computing Machinery, May 2021. doi: 10.1145/3411763.3451755.
- [22] C. Butler and M. Crane, “Blockchain Transaction Fee Forecasting: A Comparison of Machine Learning Methods,” *Mathematics*, vol. 11, no. 9, May 2023, doi: 10.3390/math11092212.
- [23] S. Farokhnia, “Lazy Contracts: Alleviating High Gas Costs by Secure and Trustless Off-chain Execution of Smart Contracts,” Sep. 2023, [Online]. Available: <http://arxiv.org/abs/2309.11317>
- [24] Z. A. Shaikh, A. A. Khan, L. Teng, A. A. Wagan, and A. A. Laghari, “BIO-MT Modular Infrastructure: The Recent Challenges, Issues, and Limitations in Blockchain Hyperledger-Enabled E-Healthcare Application,” *Wirel Commun Mob Comput*, vol. 2022, 2022, doi: 10.1155/2022/3813841.
- [25] P. Thakkar and S. Natarajan, “Scaling Hyperledger Fabric Using Pipelined Execution and Sparse Peers,” Mar. 2020, [Online]. Available: <http://arxiv.org/abs/2003.05113>
- [26] X. Piao, H. Ding, and H. Song, “Performance Analysis of Endorsement in Hyperledger Fabric Concerning Endorsement Policies,” *Electronics (Switzerland)*, vol. 12, no. 20, Oct. 2023, doi: 10.3390/electronics12204322.
- [27] C. Gorenflo, S. Lee, L. Golab, and S. Keshav, “FastFabric: Scaling Hyperledger Fabric to 20,000 Transactions per Second,” Jan. 2019, [Online]. Available: <http://arxiv.org/abs/1901.00910>

- [28] H. H. Pajoo, M. A. Rashid, F. Alam, and S. Demidenko, "Experimental Performance Analysis of a Scalable Distributed Hyperledger Fabric for a Large-Scale IoT Testbed," *Sensors*, vol. 22, no. 13, Jul. 2022, doi: 10.3390/s22134868.
- [29] M. Hasnain, F. R. Albogamy, S. S. Alamri, I. Ghani, and B. Mehboob, "The Hyperledger fabric as a Blockchain framework preserves the security of electronic health records," 2023, *Frontiers Media SA*. doi: 10.3389/fpubh.2023.1272787.
- [30] K. Kumutha, S. Jayalakshmi, and P. SriPriya, "Data security mechanism of hyperledger fabric and its application in academic documents verification system," *Int J Health Sci (Qassim)*, pp. 4394–4403, Apr. 2022, doi: 10.53730/ijhs.v6ns3.6821.
- [31] C. Chen, J. Yang, W. J. Tsaur, W. Weng, C. Wu, and X. Wei, "Enterprise Data Sharing with Privacy-Preserved Based on Hyperledger Fabric Blockchain in IIOT's Application," *Sensors*, vol. 22, no. 3, Feb. 2022, doi: 10.3390/s22031146.
- [32] A. Ismailisufi, T. Popovic, N. Gligoric, S. Radonjic, and S. Sandi, "A Private Blockchain Implementation Using Multichain Open Source Platform," in *2020 24th International Conference on Information Technology, IT 2020*, Institute of Electrical and Electronics Engineers Inc., Feb. 2020. doi: 10.1109/IT48810.2020.9070689.
- [33] T. Hossain, T. Mohiuddin, A. M. S. Hasan, M. N. Islam, and S. A. Hossain, "Designing and Developing Graphical User Interface for the MultiChain Blockchain: Towards Incorporating HCI in Blockchain," 2021, pp. 446–456. doi: 10.1007/978-3-030-71187-0_41.
- [34] V. Mkrttchian, "Avatars-based decision support system using blockchain and knowledge sharing for processes simulation: A natural intelligence implementation of the multi-chain open source platform," *International Journal of Knowledge Management*, vol. 17, no. 1, pp. 72–92, Jan. 2021, doi: 10.4018/IJKM.2021010105.
- [35] M. Davison, "Blockin: Multi-Chain Sign-In Standard with Micro-Authorizations." [Online]. Available: <https://doi.org/XXXXXXXX.XXXXXXX>
- [36] M. Kirejczyk, M. Kalka, and L. Logvinov, "Historical and Multichain Storage Proofs," Oct. 2024, [Online]. Available: <http://arxiv.org/abs/2411.00193>
- [37] M. S. Farooq, H. Jamil, and H. Sohail Riaz, "A Multichain based marketplace Architecture."
- [38] H. Haga, "Study on the Highly Reliable and Secure Data Management."
- [39] B. I. Dobrianskyi and I. V. Stetsenko, "Інструментальні засоби і середовища програмування ARCHITECTURAL FRAMEWORK FOR A UNIFIED BLOCKCHAIN INTERACTION LIBRARY", doi: 10.15407/pp2024.01.86.
- [40] M. Gao, Z. Wang, and G. Lu, "Enhancing Consensus Security and Privacy with Multichain Ring Signatures Based on HotStuff," *Electronics (Switzerland)*, vol. 12, no. 22, Nov. 2023, doi: 10.3390/electronics12224632.
- [41] X. Peng, X. Zhang, X. Wang, H. Li, J. Xu, and Z. Zhao, "Multi-Chain Collaboration-Based Information Management and Control for the Rice Supply Chain," *Agriculture (Switzerland)*, vol. 12, no. 5, May 2022, doi: 10.3390/agriculture12050689.

- [42] S. K. Panda, V. Mishra, S. P. Dash, and A. K. Pani, Eds., *Recent Advances in Blockchain Technology*, vol. 237. in Intelligent Systems Reference Library, vol. 237. Cham: Springer International Publishing, 2023. doi: 10.1007/978-3-031-22835-3.
- [43] A. N. Mohammad Saif and M. A. Islam, "Blockchain in human resource management: a systematic review and bibliometric analysis," *Technol Anal Strateg Manag*, vol. 36, no. 4, pp. 635–650, 2024, doi: 10.1080/09537325.2022.2049226.
- [44] R. Ramachandran, V. Babu, and V. P. Murugesan, "The role of blockchain technology in the process of decision-making in human resource management: a review and future research agenda," Jan. 13, 2023, *Emerald Publishing*. doi: 10.1108/BPMJ-07-2022-0351.
- [45] J. Polge, J. Robert, and Y. Le Traon, "Permissioned blockchain frameworks in the industry: A comparison," *ICT Express*, vol. 7, no. 2, pp. 229–233, Jun. 2021, doi: 10.1016/j.icte.2020.09.002.
- [46] P. Stangl and C. P. Neumann, "FoodFresh: Multi-Chain Design for an Inter-Institutional Food Supply Chain Network," Oct. 2023, [Online]. Available: <http://arxiv.org/abs/2310.19461>
- [47] J. Vidaković, S. Ristić, S. Kordić, and I. Luković, "Extended tuple constraint type as a complex integrity constraint type in XML data model – definition and enforcement," *Computer Science and Information Systems*, vol. 15, no. 3, pp. 821–843, Oct. 2018, doi: 10.2298/CSIS123456789X.
- [48] X. Sun, Y. Lu, J. Sun, B. Tang, K. D. Rehak, and S. Zhang, "Matrix Syncer -- A Multi-chain Data Aggregator For Supporting Blockchain-based Metaverses," Apr. 2022, [Online]. Available: <http://arxiv.org/abs/2204.04272>
- [49] G. Kumar, R. Saha, M. Gupta, and T. H. Kim, "BRON: A blockchained framework for privacy information retrieval in human resource management," *Heliyon*, vol. 10, no. 13, Jul. 2024, doi: 10.1016/j.heliyon.2024.e33393.
- [50] A. Adhiatma, "Blockchain-based human resources management practices to support performance efficiency: A literature survey," *Human Resources Management and Services*, vol. 4, no. 1, p. 3473, Dec. 2022, doi: 10.18282/hrms.v4i1.3473.
- [51] C. Mikroyannidis, *eLmL 2020 Proceedings*. 2020.
- [52] R. Chhetri, "Implementation of Blockchain Technology in Human resource recruitment."
- [53] O. Fachrunnisa and F. K. Hussain, "Blockchain-based human resource management practices for mitigating skills and competencies gap in workforce," *International Journal of Engineering Business Management*, vol. 12, 2020, doi: 10.1177/1847979020966400.
- [54] S. Trivedi, K. Mehta, and R. Sharma, "Systematic Literature Review on Application of Blockchain Technology in E-Finance and Financial Services." [Online]. Available: <http://jotmi.org>
- [55] H. D. Zubaydi, P. Varga, and S. Molnár, "Leveraging Blockchain Technology for Ensuring Security and Privacy Aspects in Internet of Things: A Systematic Literature Review," Jan. 01, 2023, *MDPI*. doi: 10.3390/s23020788.

- [56] S. Zhou, K. Li, L. Xiao, J. Cai, W. Liang, and A. Castiglione, "A Systematic Review of Consensus Mechanisms in Blockchain," May 01, 2023, *MDPI*. doi: 10.3390/math11102248.
- [57] A. K. Jha, S. Dubey, and H. Kumar, "Transaction System Based on Blockchain Technology using Smart Contract," *INTERANTIONAL JOURNAL OF SCIENTIFIC RESEARCH IN ENGINEERING AND MANAGEMENT*, vol. 07, no. 03, Mar. 2023, doi: 10.55041/IJSREM18100.
- [58] S. López-Sorribes, J. Rius-Torrentó, and F. Solsona-Tehàs, "A Bibliometric Review of the Evolution of Blockchain Technologies," Mar. 01, 2023, *MDPI*. doi: 10.3390/s23063167.
- [59] M. R. Hoffman, L. D. Ibáñez, and E. Simperl, "Toward a Formal Scholarly Understanding of Blockchain-Mediated Decentralization: A Systematic Review and a Framework," *Frontiers in Blockchain*, vol. 3, 2020, doi: 10.3389/fbloc.2020.00035.
- [60] C. G. Akcora, Y. R. Gel, and M. Kantarcioglu, "Blockchain networks: Data structures of Bitcoin, Monero, Zcash, Ethereum, Ripple, and Iota," Jan. 01, 2022, *John Wiley and Sons Inc*. doi: 10.1002/widm.1436.
- [61] Y. S. Jeong, "Blockchain processing technique based on multiple hash chains for minimizing integrity errors of IoT data in cloud environments," *Sensors*, vol. 21, no. 14, Jul. 2021, doi: 10.3390/s21144679.
- [62] Y. Yu, "Analysis of POW in Bitcoin and POS in Peercoin," 2023.
- [63] R. Asif and S. R. Hassan, "Shaping the future of Ethereum: exploring energy consumption in Proof-of-Work and Proof-of-Stake consensus," 2023, *Frontiers Media SA*. doi: 10.3389/fbloc.2023.1151724.
- [64] E. Ahishakiye, R. D. Wario, R. Wario, and I. Niyonzima, "Developing Countries and Blockchain Technology: Uganda's Perspective Developing Countries andBlockchain Technology: Uganda's Perspective," *International Journal of Latest Research in Engineering and Technology*, 2018, [Online]. Available: www.ijlret.com
- [65] V. Zieglmeier, G. Loyola Daiqui, and A. Pretschner, "Decentralized Inverse Transparency with Blockchain," *Distributed Ledger Technologies: Research and Practice*, vol. 2, no. 3, pp. 1–28, Sep. 2023, doi: 10.1145/3592624.
- [66] "Using blockchain technology to drive operational excellence in perishable food supply chains during outbreaks." [Online]. Available: <http://shura.shu.ac.uk/29840/>
- [67] R. Yang, "Development and Supervision of Financial Technology Based on Blockchain," *Comput Intell Neurosci*, vol. 2022, 2022, doi: 10.1155/2022/2615153.
- [68] J. Lohmer, E. R. da Silva, and R. Lasch, "Blockchain Technology in Operations & Supply Chain Management: A Content Analysis," *Sustainability (Switzerland)*, vol. 14, no. 10, May 2022, doi: 10.3390/su14106192.
- [69] H. Saeed *et al.*, "Blockchain technology in healthcare: A systematic review," *PLoS One*, vol. 17, no. 4 April, Apr. 2022, doi: 10.1371/journal.pone.0266462.

- [70] S. Khan, M. Shael, M. Majdalawieh, N. Nizamuddin, and M. Nicho, "Blockchain for Governments: The Case of the Dubai Government," *Sustainability (Switzerland)*, vol. 14, no. 11, Jun. 2022, doi: 10.3390/su14116576.
- [71] T. Min and W. Cai, "Portrait of decentralized application users: an overview based on large-scale Ethereum data," *CCF Transactions on Pervasive Computing and Interaction*, vol. 4, no. 2, pp. 124–141, Jun. 2022, doi: 10.1007/s42486-022-00094-6.
- [72] H. H. Pajooh, M. Rashid, F. Alam, and S. Demidenko, "Hyperledger fabric blockchain for securing the edge internet of things," *Sensors (Switzerland)*, vol. 21, no. 2, pp. 1–29, Jan. 2021, doi: 10.3390/s21020359.
- [73] A. Shamsiya Abidovna, "THE ROLE OF INFORMATION TECHNOLOGY IN THE PERSONNEL MANAGEMENT SYSTEM", doi: 10.5281/zenodo.10647479.
- [74] J. Vassiljev, M. Juhendaja, and P. Leis, "Tallinn 2020 TALLINNA TEHNIKAÜLIKOOL Infotehnoloogia teaduskond PERSONALIHÄLDUSE PILVELAHENDUSE SAP SUCCESSFACTORS ANALÜÜS JA TÄIUSTAMINE ETTEVÕTTE PROMINION OÜ NÄITEL."
- [75] N. Shankar and Z. Mohammed, "Surviving Data Breaches: A Multiple Case Study Analysis," 2020.
- [76] P. Abdullah, H. Shukur, K. Jacksi, P. Y. Abdullah, S. R. M. Zeebaree, and H. M. Shukur, "HRM System using Cloud Computing for Small and Medium Enterprises (SMEs)," 2020. [Online]. Available: <https://www.researchgate.net/publication/341883552>
- [77] T. H. Kim *et al.*, "A privacy preserving distributed ledger framework for global human resource record management: The blockchain aspect," *IEEE Access*, vol. 8, pp. 96455–96467, 2020, doi: 10.1109/ACCESS.2020.2995481.
- [78] N. Kişi, "Exploratory Research on the Use of Blockchain Technology in Recruitment," *Sustainability (Switzerland)*, vol. 14, no. 16, Aug. 2022, doi: 10.3390/su141610098.
- [79] "A Research on The Challenges and Opportunities of Implementing Blockchain Technology in Human Resource Management," *International Journal of Scientific Research in Engineering and Management*, 2025, doi: 10.55041/IJSREM41609.
- [80] "Artificial-Intelligence-and-Blockchain-Insights-and-Actions-for-the-Chemical-Industry_Study".
- [81] W. Ben Gunawan, "IMPLICATIONS OF BLOCKCHAIN TECHNOLOGY ON STRATEGIC HUMAN RESOURCE PRACTICES: POTENTIAL LOSSES OF KEY FUNCTIONS."
- [82] M. Panda, S. R. Sahoo, S. Das, J. Panda, and M. Milanova, "Blockchain as a service: Empowering enterprise hrm leadership for the future," in *Impact of New Technology on Next-Generation Leadership*, IGI Global, 2024, pp. 206–229. doi: 10.4018/979-8-3693-1946-8.ch011.
- [83] M. P. Michailidis, "Blockchain Technology: The Emerging Human Resources Challenge," May 05, 2021. doi: 10.20944/preprints202105.0035.v1.

- [84] M. Yan, L. Rampino, and G. Caruso, "Comparing User Acceptance in Human–Machine Interfaces Assessments of Shared Autonomous Vehicles: A Standardized Test Procedure," *Applied Sciences (Switzerland)*, vol. 15, no. 1, Jan. 2025, doi: 10.3390/app15010045.
- [85] S. Gordon *et al.*, "Best Practice Recommendations: User Acceptance Testing for Systems Designed to Collect Clinical Outcome Assessment Data Electronically," *Ther Innov Regul Sci*, vol. 56, no. 3, pp. 442–453, May 2022, doi: 10.1007/s43441-021-00363-z.
- [86] J. Fischbach *et al.*, "Automatic Creation of Acceptance Tests by Extracting Conditionals from Requirements: NLP Approach and Case Study," Oct. 2022, [Online]. Available: <http://arxiv.org/abs/2202.00932>
- [87] Z. Wang *et al.*, "XUAT-Copilot: Multi-Agent Collaborative System for Automated User Acceptance Testing with Large Language Model," 2023. doi: XXXXXXXX.XXXXXXX.
- [88] G. Camilleri *et al.*, "Tool support for Generating User Acceptance Tests."
- [89] M. F. Fiandhika and B. Kelana, "System Usability Scale Validation from The Expert Perspective," in *E3S Web of Conferences*, EDP Sciences, Jan. 2024. doi: 10.1051/e3sconf/202448303008.
- [90] W. Welda, D. M. D. U. Putra, and A. M. Dirgayusari, "Usability Testing Website Dengan Menggunakan Metode System Usability Scale (Sus)s," *International Journal of Natural Science and Engineering*, vol. 4, no. 3, pp. 152–161, Nov. 2020, doi: 10.23887/ijnse.v4i2.28864.
- [91] Y. Irawan, F. B. Suryani, S. Wanabuliandari, and S. Muzid, "System Usability Scale (SUS) Model in Evaluating Internal Quality Audit Systems for Accreditation Process Optimization," 2025. [Online]. Available: <http://jurnal.polibatam.ac.id/index.php/JAIC>
- [92] F. Purwani, F. Aulia Farhah, N. Raden Fatah Palembang, J. K. Abidin Fikri, and S. Selatan, "ANALISA USABILITY TESTING PADA SOSIAL MEDIA PROFESIONAL DENGAN METODE SYSTEM USABILITY SCALE."
- [93] M. H. Afif, "Assessing Students' Perceptions of Mobile Applications Usability using System Usability Scale," *Journal of Computer Science*, vol. 19, no. 1, pp. 11–19, 2023, doi: 10.3844/jcssp.2023.11.19.
- [94] M. Afifah Sari and K. Ditha Tania, "Evaluasi Usability Pada Knowledge Management System (KMS) Menggunakan Metode System Usability Scale (SUS) (PT. Telekomunikasi Indonesia Witel Sumatera Selatan)," 2022.
- [95] W. M. Al-Rahmi *et al.*, "Integrating Technology Acceptance Model with Innovation Diffusion Theory: An Empirical Investigation on Students' Intention to Use E-Learning Systems," *IEEE Access*, vol. 7, pp. 26797–26809, 2019, doi: 10.1109/ACCESS.2019.2899368.
- [96] H. Taherdoost, "A review of technology acceptance and adoption models and theories," in *Procedia Manufacturing*, Elsevier B.V., 2018, pp. 960–967. doi: 10.1016/j.promfg.2018.03.137.
- [97] Y. C. Huang, L. N. Li, H. Y. Lee, M. H. E. M. Browning, and C. P. Yu, "Surfing in virtual reality: An application of extended technology acceptance model with flow theory,"

Computers in Human Behavior Reports, vol. 9, Mar. 2023, doi: 10.1016/j.chbr.2022.100252.

- [98] B. Rahimi, H. Nadri, H. L. Afshar, and T. Timpka, "A systematic review of the technology acceptance model in health informatics," Jul. 01, 2018, *Georg Thieme Verlag*. doi: 10.1055/s-0038-1668091.
- [99] M. Sciarelli, A. Prisco, M. H. Gheith, and V. Muto, "Factors affecting the adoption of blockchain technology in innovative Italian companies: an extended TAM approach," *Journal of Strategy and Management*, vol. 15, no. 3, pp. 495–507, Jul. 2022, doi: 10.1108/JSMA-02-2021-0054.
- [100] A. WHITELEY, J. POLLACK, and P. MATOUS, "The origins of . agile and iterative methods," *Journal of Modern Project Management*, vol. 8, no. 3, pp. 21–29, 2021, doi: 10.19255/JMPM02502.
- [101] E. Bayram, B. Dogan, and V. Tunali, "Bibliometric Analysis of the Tertiary Study on Agile Software Development using Social Network Analysis," in *Proceedings - 2020 Innovations in Intelligent Systems and Applications Conference, ASYU 2020*, Institute of Electrical and Electronics Engineers Inc., Oct. 2020. doi: 10.1109/ASYU50717.2020.9259875.
- [102] A. Hinderks, F. J. Domínguez Mayo, J. Thomaschewski, and M. J. Escalona, "Approaches to manage the user experience process in Agile software development: A systematic literature review," *Inf Softw Technol*, vol. 150, Oct. 2022, doi: 10.1016/j.infsof.2022.106957.
- [103] A.-M. GHEORGHE, I. D. GHEORGHE, and I. L. IATAN, "Agile Software Development," *Informatica Economica*, vol. 24, no. 2/2020, pp. 90–100, Jun. 2020, doi: 10.24818/issn14531305/24.2.2020.08.
- [104] A. Mishra and Y. I. Alzoubi, "Structured software development versus agile software development: a comparative analysis," *International Journal of System Assurance Engineering and Management*, vol. 14, no. 4, pp. 1504–1522, Aug. 2023, doi: 10.1007/s13198-023-01958-5.
- [105] "III. THE SYSTEM DESIGN AND IMPLEMENTATION", doi: 10.24018/ejece.2021.6.4.448.
- [106] Sasmoko, Y. Indrianti, S. R. Manalu, and J. Danaristo, "Analyzing Database Optimization Strategies in Laravel for an Enhanced Learning Management," *Procedia Comput Sci*, vol. 245, pp. 799–804, 2024, doi: 10.1016/j.procs.2024.10.306.
- [107] A. Fitrianto, "Development of a Sustainable Information System Using Structured Routing and Livewire Methods in Educational Institutions in Jakarta," *Brilliance: Research of Artificial Intelligence*, vol. 4, no. 1, pp. 382–390, Jul. 2024, doi: 10.47709/brilliance.v4i1.4369.
- [108] M. Mahdi Maulana Lubis, D. Handoko, and N. Wulan, "Analisis Implementasi Laravel 9 Pada Website E-Book Dalam Mengatasi N+1 Problem Serta Penyerangan Csrp dan Xss," 2022. [Online]. Available: <https://jurnal.unity-academy.sch.id/index.php/jirsi/index>

- [109] N. Latifah Husni *et al.*, “Visual Studio Code for Activity Monitoring Interface,” 2022. [Online]. Available: www.aidevsrg.com
- [110] M. U. Haque, L. H. Iwaya, and M. A. Babar, “Challenges in docker development: A large-scale study using stack overflow,” in *International Symposium on Empirical Software Engineering and Measurement*, IEEE Computer Society, Oct. 2020. doi: 10.1145/3382494.3410693.
- [111] S. Chakraborty and P. S. Aithal, “A Practical Approach To GIT Using Bitbucket, GitHub and SourceTree,” *International Journal of Applied Engineering and Management Letters (IJAEML) A Refereed International Journal of Srinivas University*, vol. 6, no. 2, pp. 2581–7000, 2022, doi: 10.5281/zenodo.7262771.
- [112] G. Uddin and M. P. Robillard, “How API Documentation Fails,” *IEEE Softw*, vol. 32, no. 4, pp. 68–75, Jul. 2015, doi: 10.1109/MS.2014.80.
- [113] M. S. Farooq, H. Jamil, and H. Sohail Riaz, “A Multichain based marketplace Architecture.”
- [114] P. P. Kore, M. J. Lohar, M. T. Surve, and S. Jadhav, “API Testing Using Postman Tool,” *Int J Res Appl Sci Eng Technol*, vol. 10, no. 12, pp. 841–843, Dec. 2022, doi: 10.22214/ijraset.2022.48030.
- [115] Dave. Westerveld, *API Testing and Development with Postman*. Packt Publishing, 2021.
- [116] S. Pothuganti, S. Malepati, and P. Goswami, “Comparative Analysis of Load Balancing in Cloud Platforms for an Online Bookstore Web Application using Apache Benchmark,” 2023. [Online]. Available: www.bth.se
- [117] James. Rumbaugh, Ivar. Jacobson, and Grady. Booch, *The unified modeling language reference manual*. Addison-Wesley Longman, 2000.
- [118] C. A. BORCOŞI, “THE IMPORTANCE OF BUSINESS MODELING USING THE UNIFIED MODELING LANGUAGE (UML),” *Research and Science Today*, vol. 24, no. 2, pp. 91–101, Nov. 2022, doi: 10.38173/rst.2022.24.2.7:91-101.

