

DAFTAR PUSTAKA

- [1] C. Mutia Annur, "Bank Indonesia: Transaksi Uang Elektronik RI Tembus Rp 35 Triliun per Desember 2021," *Databoks*, Jan. 31, 2022. <https://databoks.katadata.co.id/datapublish/2022/01/31/bank-indonesia-transaksi-uang-elektronik-ri-tembus-rp-35-triliun-per-desember-2021> (accessed Dec. 15, 2022).
- [2] C. Mendanai, U. Dan, and B. Startup, "BAHAN AJAR CROWDFUNDING 4," 2022. [Online]. Available: <https://www.google.com/search?q=bisnis+startup+indonesia>
- [3] A. B. Pratama and I. D. G. D. Suputra, "Pengaruh Persepsi Manfaat, Persepsi Kemudahan Penggunaan, dan Tingkat Kepercayaan Pada Minat Menggunakan Uang Elektronik," *E-Jurnal Akuntansi*, p. 927, May 2019, doi: 10.24843/eja.2019.v27.i02.p04.
- [4] Y. E. Nisrina, W. Hayuhardhika, N. Putra, and B. T. Hanggara, "Pengembangan E-Commerce Dengan Pemanfaatan Sistem Payment Gateway (Studi Kasus: Wisata Kampung Sapi Adventure)," 2019. [Online]. Available: <http://j-ptiik.ub.ac.id>
- [5] R. Nagasubramanian and S. P. Rajagopalan, "Payment Gateway-Innovation in Multiple Payments," 2012.
- [6] D. Rahmat Islami, Y. Sulistyowati, and D. Politeknik Kediri Jl Mayor Bismo No, "APLIKASI PENJUALAN PULSA ONLINE MENGGUNAKAN PAYMENT GATEWAY," 2016. [Online]. Available: www.E-Gold.com
- [7] F. Hussain, W. Li, B. Noye, S. Sharieh, and A. Ferwon, "Intelligent Service Mesh Framework for API Security and Management," *2019 IEEE 10th Annual Information Technology, Electronics and Mobile Communication Conference (IEMCON)*, pp. 735–742, Oct. 2019.
- [8] A. Akbulut and H. G. Perros, "Software Versioning with Microservices through the API Gateway Design Pattern," *2019 9th International Conference on Advanced Computer Information Technologies (ACIT)*, pp. 289–292, 2019.
- [9] A. W. Subagio and F. Subagio, "Penerapan Clean Architecture pada Pengembangan Sistem Payment Point Online Bank," *Tekno: Jurnal Teknologi Elektro dan Kejuruan*, vol. 32, no. 2, pp. 324–333, 2022.
- [10] E. Edy, F. Ferdiansyah, W. Pramusinto, and S. Waluyo, "Pengamanan Restful API menggunakan JWT untuk Aplikasi Sales Order," *Jurnal*

- RESTI (Rekayasa Sistem dan Teknologi Informasi)*, vol. 3, no. 2, pp. 106–112, Aug. 2019, doi: 10.29207/resti.v3i2.860.
- [11] A. Alkhulaifi and E.-S. M. El-Alfy, “Exploring Lattice-based Post-Quantum Signature for JWT Authentication: Review and Case Study,” in *2020 IEEE 91st Vehicular Technology Conference (VTC2020-Spring)*, IEEE, May 2020, pp. 1–5. doi: 10.1109/VTC2020-Spring48590.2020.9129505.
- [12] BPC, “Bridging Real Life to Digital through smart solutions,” 2022. <https://www.bpcbt.com/about-us> (accessed Mar. 10, 2023).
- [13] I. Ahmad, E. Suwarni, R. I. Borman, Asmawati, F. Rossi, and Y. Jusman, “Implementation of RESTful API Web Services Architecture in Takeaway Application Development,” in *2021 1st International Conference on Electronic and Electrical Engineering and Intelligent System (ICE3IS)*, IEEE, Oct. 2021, pp. 132–137. doi: 10.1109/ICE3IS54102.2021.9649679.
- [14] P. Bourhis, J. L. Reutter, and D. Vrgoč, “JSON: Data model and query languages,” *Inf Syst*, vol. 89, p. 101478, Mar. 2020, doi: 10.1016/j.is.2019.101478.
- [15] X. Wan, X. Guan, T. Wang, G. Bai, and B.-Y. Choi, “Application deployment using Microservice and Docker containers: Framework and optimization,” *Journal of Network and Computer Applications*, vol. 119, pp. 97–109, Oct. 2018, doi: 10.1016/j.jnca.2018.07.003.
- [16] D. Dykstra, M. Altunay, and J. Teheran, “Secure Command Line Solution for Token-based Authentication,” *EPJ Web Conf*, vol. 251, p. 02036, Aug. 2021, doi: 10.1051/epjconf/202125102036.
- [17] D. I. Permatasari, “Penguujian Aplikasi menggunakan metode Load Testing dengan Apache JMeter pada Sistem Informasi Pertanian,” *Jurnal Sistem dan Teknologi Informasi (JUSTIN)*, vol. 8, no. 1, p. 135, Jan. 2020, doi: 10.26418/justin.v8i1.34452.
- [18] H. Kurniawan, W. Apriliah, I. Kurniawan, and D. Firmansyah, “Penerapan Metode Waterfall Dalam Perancangan Sistem Informasi Penggajian Pada SMK Bina Karya Karawang,” *Jurnal Interkom: Jurnal Publikasi Ilmiah Bidang Teknologi Informasi dan Komunikasi*, vol. 14, no. 4, pp. 13–23, Jan. 2020, doi: 10.35969/interkom.v14i4.58.
- [19] R. F. Ramadhan and R. Mukhaiyar, “Penggunaan Database Mysql dengan Interface PhpMyAdmin sebagai Pengontrolan Smarthome Berbasis Raspberry Pi,” 2020.

- [20] A. Dwi, C. Oktaviano, S. Rostianingsih, and H. Novianus Palit, "Implementasi ETL dan Perbandingan Performa Column-Oriented Database dan Relational Database sebagai Data Warehouse."
- [21] E. Setyawati, Sarwani, H. Wijoyo, and N. Soeharmoko, *Relational Database Management System (RDBMS)*. Jawa Tengah: t CV. Pena Persada Redaksi, 2020.
- [22] H. Jurnal, R. Ridwan, N. Kustian, and W. Ambarsari, "PERAN DATA STORE DALAM MEMPRESENTASIKAN HUBUNGAN DATA FLOW DIAGRAM SSADM DENGAN ENTITY RELATIONSHIP DIAGRAM," *JURITEK*, vol. 2, no. 2, 2022.
- [23] M. Larassati, A. Latukolan, A. Arwan, and M. T. Ananta, "Pengembangan Sistem Pemetaan Otomatis Entity Relationship Diagram Ke Dalam Database," 2019. [Online]. Available: <http://j-ptiik.ub.ac.id>
- [24] K. Lachová and P. Trebuňa, "Modelling of electronic kanban system by using of entity relationship diagrams," *Acta Logistica*, vol. 6, no. 3, pp. 63–66, 2019, doi: 10.22306/al.v6i3.115.
- [25] D. Setiyadi, "Stuctured Query Language (SQL) untuk Purchase Order (PO) menggunakan SQL Server," *Bina Insani ICT Journal*, vol. 6, no. 1, pp. 75–88, 2019.
- [26] R. Čerešňák and M. Kvet, "Comparison of query performance in relational a non-relation databases," in *Transportation Research Procedia*, Elsevier B.V., 2019, pp. 170–177. doi: 10.1016/j.trpro.2019.07.027.
- [27] A. Viloría, G. C. Acuña, D. J. A. Franco, H. Hernández-Palma, J. P. Fuentes, and E. P. Rambal, "Integration of data mining techniques to postgresQL database manager system," in *Procedia Computer Science*, Elsevier B.V., 2019, pp. 575–580. doi: 10.1016/j.procs.2019.08.080.
- [28] D. Aji Bayu Prasetyo and Y. Alfa Susetyo, "Implementasi Information Schema Database Pada Postgre SQL Untuk Pembuatan Tabel Informasi Dengan Menggunakan Python Di PT XYZ," 2022. [Online]. Available: <http://jurnal.mdp.ac.id>
- [29] E. S. Laksono and I. H. Al Amin, "PENERAPAN NOSQL PADA PORTAL BERITA BERBASIS ANDROID DENGAN MENGGUNAKAN METODE FIRST IN FIRST OUT," *Proceeding SENDI_U*, pp. 340–344, 2019.

- [30] E. Tungadi, M. Olivya, and S. Akbar, "Analisis Kinerja Elasticsearch pada Proses Query Data," *Seminar Nasional Komunikasi dan Informatika*, 2019.
- [31] P. Putra, "IMPLEMENTASI LOG MANAGEMENT SERVER MENGGUNAKAN ELK (ELASTIC SEARCH, LOGSTASH DAN KIBANA) STACK PADA SERVER WEB SNORT DI PT.XYZ," Apr. 2020.
- [32] Y. Liu, S. Tang, R. Liu, L. Zhang, and Z. Ma, "Secure and robust digital image watermarking scheme using logistic and RSA encryption," *Expert Syst Appl*, vol. 97, pp. 95–105, May 2018, doi: 10.1016/j.eswa.2017.12.003.
- [33] D. Rachmawati and M. A. Budiman, "On Using The First Variant of Dependent RSA Encryption Scheme to Secure Text: A Tutorial," *J Phys Conf Ser*, vol. 1542, no. 1, p. 012024, May 2020, doi: 10.1088/1742-6596/1542/1/012024.
- [34] T. Hidayat and R. Mahardiko, "A Systematic Literature Review Method On AES Algorithm for Data Sharing Encryption On Cloud Computing," *International Journal of Artificial Intelligence Research*, vol. 4, no. 1, Apr. 2020, doi: 10.29099/ijair.v4i1.154.
- [35] A. Adil Yazdeen, S. R. M. Zeebaree, M. Mohammed Sadeeq, S. F. Kak, O. M. Ahmed, and R. R. Zebari, "FPGA Implementations for Data Encryption and Decryption via Concurrent and Parallel Computation: A Review," *Qubahan Academic Journal*, vol. 1, no. 2, pp. 8–16, Mar. 2021, doi: 10.48161/qaj.v1n2a38.
- [36] X. Chen, "Implementing AES Encryption on Programmable Switches via Scrambled Lookup Tables," in *Proceedings of the Workshop on Secure Programmable Network Infrastructure*, New York, NY, USA: ACM, Aug. 2020, pp. 8–14. doi: 10.1145/3405669.3405819.
- [37] J. Zhang, N. Wu, J. Li, and F. Zhou, "A novel differential fault analysis using two-byte fault model on AES Key schedule," *IET Circuits, Devices & Systems*, vol. 13, no. 5, pp. 661–666, Aug. 2019, doi: 10.1049/iet-cds.2018.5428.
- [38] "OBJECT-ORIENTED SOFTWARE ENGINEERING WITH UML A HANDS-ON APPROACH."
- [39] A. Alshamrani and A. Bahattab, "A Comparison Between Three SDLC Models Waterfall Model, Spiral Model, and Incremental/Iterative Model," *Jurnal Matik*, vol. 4, no. 1, pp. 27–32, May 2020, [Online]. Available: www.IJCSI.org

- [40] M. D. Mendoza, T. Trisna, and A. Putri, "Payroll System Design With SDLC (System Development Life Cycle) Approach," 2020. [Online]. Available: <https://iocscience.org/ejournal/index.php/mantik/index>
- [41] C. Britton and J. Doake, *Object-oriented systems development: a gentle introduction*. McGraw-Hill, 2000.
- [42] Y. Nugraha, "Information System Development With Comparison of Waterfall and Prototyping Models," 2020.
- [43] A. Suhaimah, A. Triayudi, and E. T. Esthi Handayani, "Cyber Library: Pengembangan Perpustakaan Online Berbasis Web Menggunakan Metode Prototyping (Studi Kasus Universitas Nasional)," *Jurnal JTIK (Jurnal Teknologi Informasi dan Komunikasi)*, vol. 4, no. 2, p. 41, Jan. 2021, doi: 10.35870/jtik.v5i1.199.
- [44] Deni Murdiani and Muhamad Sobirin, "PERBANDINGAN METODOLOGI WATERFALL DAN RAD (RAPID APPLICATION DEVELOPMENT) DALAM PENGEMBANGAN SISTEM INFORMASI," *Jurnal Informatika Teknologi dan Sains*, vol. 4, no. 4, pp. 302–306, Nov. 2022, doi: 10.51401/jinteks.v4i4.2008.
- [45] de Vicente Mohino, Bermejo Higuera, Bermejo Higuera, and Sicilia Montalvo, "The Application of a New Secure Software Development Life Cycle (S-SDLC) with Agile Methodologies," *Electronics (Basel)*, vol. 8, no. 11, p. 1218, Oct. 2019, doi: 10.3390/electronics8111218.
- [46] K. Bernsmed, D. S. Cruzes, M. G. Jaatun, and M. Iovan, "Adopting threat modelling in agile software development projects," *Journal of Systems and Software*, vol. 183, p. 111090, Jan. 2022, doi: 10.1016/j.jss.2021.111090.
- [47] E. Suprpto, "User Acceptance Testing (UAT) Refreshment PBX Outlet Site BNI Kanwil Padang," *Jurnal Civronlit Unbari*, vol. 6, no. 2, p. 54, Oct. 2021, doi: 10.33087/civronlit.v6i2.85.
- [48] F.- Sonata, "Pemanfaatan UML (Unified Modeling Language) Dalam Perancangan Sistem Informasi E-Commerce Jenis Customer-To-Customer," *Jurnal Komunika: Jurnal Komunikasi, Media dan Informatika*, vol. 8, no. 1, p. 22, Jun. 2019, doi: 10.31504/komunika.v8i1.1832.
- [49] R. Y. Lee, *OBJECT-ORIENTED SOFTWARE ENGINEERING WITH UML A HANDS-ON APPROACH*. New York: Nova Science Publishers Inc, 2019.

- [50] Ni Kadek Dwi Sabrina, Dian Pramana, and Tubagus Mahendra Kusuma, "Implementation of Golang and ReactJS in the COVID-19 Vaccination Reservation System," *ADI Journal on Recent Innovation (AJRI)*, vol. 5, no. 1, pp. 1–12, Feb. 2023, doi: 10.34306/ajri.v5i1.877.
- [51] S. Bobba, "Enhancing the Security of Online Card Payment System," *International Journal of Advanced Trends in Computer Science and Engineering*, vol. 9, no. 2, pp. 2055–2059, Apr. 2020, doi: 10.30534/ijatcse/2020/178922020.
- [52] I. Mardianto and K. Kuswandi, "Implementasi Keamanan pada Transaksi Data Menggunakan Sertifikat Digital X.509," *Jurnal ULTIMATICS*, vol. 8, no. 1, pp. 1–10, Mar. 2017, doi: 10.31937/ti.v8i1.496.
- [53] M. I. Fajrin, I. A. Kautsar, and S. Aji, "Design and Build Payment Gateways in Sharia-Based E-Commerce (Case Study: Murabahah Ijabqabul.Id Contract)," *Procedia of Engineering and Life Science*, vol. 2, no. 2, Sep. 2022, doi: 10.21070/pels.v2i2.1262.
- [54] hartik hartik, N. Firdaus, and A. Aziz, "Towards Smart Village : Rides Management Mobile Application As Tourism Digital Promotion And Marketing in Society 5.0 Era," *International Journal of Artificial Intelligence Research*, vol. 6, no. 1.2, 2022.
- [55] T. W. Widyaningsih and D. Didi, "Pengembangan Sistem Pariwisata Belitung," *Ultimatics : Jurnal Teknik Informatika*, vol. 11, no. 2, pp. 72–83, Jan. 2020, doi: 10.31937/ti.v11i2.1277.
- [56] T. Pricillia, "Survey Paper: Perbandingan Metode Pengembangan Perangkat Lunak(Waterfall, Prototype, RAD)," *Zulfachmi*, vol. 10, no. 1, pp. 6–12, Mar. 2021.
- [57] S. Bjeladinovic, Z. Marjanovic, and S. Babarogic, "A proposal of architecture for integration and uniform use of hybrid SQL/NoSQL database components," *Journal of Systems and Software*, vol. 168, p. 110633, Oct. 2020, doi: 10.1016/j.jss.2020.110633.
- [58] X. S. Ha, T. H. Le, T. T. Phan, H. H. D. Nguyen, H. K. Vo, and N. Duong-Trung, "Scrutinizing Trust and Transparency in Cash on Delivery Systems," 2021, pp. 214–227. doi: 10.1007/978-3-030-68851-6_15.
- [59] N. Muthmainnah, D. Budhijanto, and T. Safiranita, "Analisis Yuridis Distribusi NFT Bermuatan Pelanggaran Data Pribadi Berdasarkan Undang-Undang Nomor 27 Tahun 2022 Tentang Pelindungan Data Pribadi," *COMSERVA Indonesian Journal of Community Services and*

Development, vol. 2, no. 11, pp. 2732–2743, Mar. 2023, doi: 10.59141/comserva.v2i11.681.

- [60] K.-K. Ko and E.-S. Jung, “Development of Cybersecurity Technology and Algorithm Based on Quantum Computing,” *Applied Sciences*, vol. 11, no. 19, p. 9085, Sep. 2021, doi: 10.3390/app11199085.
- [61] C. Gorenflo, S. Lee, L. Golab, and S. Keshav, “FastFabric: Scaling hyperledger fabric to 20 000 transactions per second,” *International Journal of Network Management*, vol. 30, no. 5, Sep. 2020, doi: 10.1002/nem.2099.

