DAFTAR PUSTAKA

[1] D. A. Kristiyanti and A. Mulyana, "Sistem Informasi Monitoring Skripsi Berbasis Web (Studi Kasus: Prodi Akuntansi Universitas Mercu Buana)," *J. Sist. Inf. BISNIS*, vol. 10, no. 1, pp. 56–63, Jun. 2020, doi: 10.21456/vol10iss1pp56-63.[1] D. A. Kristiyanti and A. Mulyana, "Sistem Informasi Monitoring Skripsi Berbasis Web (Studi Kasus: Prodi Akuntansi Universitas Mercu Buana)," *J. Sist. Inf. BISNIS*, vol. 10, no. 1, pp. 56–63, Jun. 2020, doi: 10.21456/vol10iss1pp56-63.

[2] F. Y. Sihombing, R. Okra, L. Efrianti, and H. A. Musril, "Rancang Bangun Aplikasi Bimbingan Skripsi di IAIN Bukittinggi," *Indones. Res. J. Educ.*, vol. 2, no. 2, pp. 496–506, Mar. 2022, doi: 10.31004/irje.v2i2.290.

[3] F. Sabirin, D. Sulistiyarini, Program Studi Pendidikan Teknologi Informasi dan Komputer, IKIP PGRI Pontianak, Z. Zulkarnain, and Program Studi Pendidikan Teknologi Informasi dan Komputer, IKIP PGRI Pontianak, "Pengembangan Sistem Informasi Seminar dan Skripsi Mahasiswa," *Edumatic J. Pendidik. Inform.*, vol. 4, no. 1, pp. 73–82, Jun. 2020, doi: 10.29408/edumatic.v4i1.2048.

[4] E. Noviana, O. Kurniaman, and M. N. Huda, "PENGEMBANGAN APLIKASI BIMBINGAN TUGAS AKHIR MAHASISWA BERBASIS WEBSITE PADA PROGRAM STUDI PENDIDIKAN GURU SEKOLAH DASAR FKIP UNIVERSITAS RIAU," *Prim. J. Pendidik. Guru Sekol. Dasar*, vol. 7, no. 1, p. 1, Apr. 2018, doi: 10.33578/jpfkip.v7i1.5334.

[5] Ach. Khozaimi, Y. D. Pramudita, and F. Solihin, "DESIGN AND DEVELOPMENT OF BACKEND APPLICATION FOR THESIS MANAGEMENT SYSTEM USING MICROSERVICE ARCHITECTURE AND RESTFUL API," *J. Ilm. Kursor*, vol. 11, no. 4, pp. 179–186, Jan. 2023, doi: 10.21107/kursor.v11i4.313.

[6] R. Sutjiadi *et al.*, "Perancangan Sistem Informasi Manajemen Tugas Akhir Pada Institut Informatika Indonesia Menggunakan Metode Incremental," *J. Ilm. Telsinas Elektro Sipil Dan Tek. Inf.*, vol. 5, no. 2, pp. 152–164, Aug. 2022, doi: 10.38043/telsinas.v5i2.4334.

[7] M. Imakulata Weu, M. Adelvin Londa, and A. Mude, "SISTEM INFORMASI BIMBINGAN SKRIPSI BERBASIS WEBSITE (STUDI KASUS PRODI SISTEM INFORMASI)," *Simtek J. Sist. Inf. Dan Tek. Komput.*, vol. 9, no. 2, pp. 276–281, Oct. 2024, doi: 10.51876/simtek.v9i2.508.

[8] M. R. Darmawan and H. A. Musril, "Perancangan Sistem Pendaftaran Audiens Seminar Proposal di Institut Agama Islam Negeri (IAIN) Bukittinggi," *J. Teknol. Dan Inf.*, vol. 11, no. 1, pp. 26–39, Mar. 2021, doi: 10.34010/jati.v11i1.3346.

[9] I. G. N. T. A. P. Wijaksana, I. P. Satwika, and I. N. Y. A. Wijaya, "SISTEM INFORMASI SKRIPSI STMIK PRIMAKARA BERBASIS WEBSITE MENGGUNAKAN FRAMEWORK LARAVEL," *J. Teknol. Inf. Dan Komput.*, vol. 6, no. 2, Jan. 2020, doi: 10.36002/jutik.v6i2.1018.

[10] H. Kurniawati and K. Latifah, "SISTEM INFORMASI PENJADWALAN PERAWATAN LCD BERKALA BERBASIS WEB DENGAN METODE RULE BASED DI UPT TIK UNIVERSITAS PGRI SEMARANG," 2020.

[11] R. Juanda and I. Z. Yadi, “Penerapan Rule Based Dengan Algoritma Viterbi Untuk Deteksi Kesalahan Huruf Kapital Pada Karya Ilmiah,” *J. Comput. Inf. Syst. Ampera*, vol. 1, no. 1, pp. 53–62, Feb. 2020, doi: 10.51519/journalcisa.v1i1.5.
[12] M. Sasikumar, S. Ramani, S. M. Raman, K. Anjaneyulu, and R. Chandrasekar, “A Practical Introduction to Rule Based Expert Systems”.
[13] S. Phon-Amnuaisuk and G. A. Wiggins, “The Four-Part Harmonisation Problem: A comparison between Genetic Algorithms and a Rule-Based System”.
[14] F. X. Senduk, X. B. N. Najoan, and S. R. U. A. Sompie, “Pengembangan Arsitektur Microservices dengan RESTful API Gateway menggunakan Backend-for-frontend Pattern pada Portal Akademik Perguruan Tinggi: Development of Microservices Architecture with RESTful API Gateway using Backend-for-frontend Pattern in Higher Education Academic Portal,” *J. Tek. Inform.*, vol. 18, no. 1, pp. 315–324, Mar. 2023, doi: 10.35793/jti.v18i1.50402.
[15] D. M. Thalor, S. R. Allur, D. V. S. Bhende, and D. A. Chavan, “Analysis of Monolithic and Microservices System Architectures for an E-Commerce Web Application”.
[16] G. Blinowski, A. Ojdowska, and A. Przybylek, “Monolithic vs. Microservice Architecture: A Performance and Scalability Evaluation,” *IEEE Access*, vol. 10, pp. 20357–20374, 2022, doi: 10.1109/ACCESS.2022.3152803.
[17] M. Susilo, “RANCANG BANGUN WEBSITE TOKO ONLINE MENGGUNAKAN METODE WATERFALL,” *InfoTekJar J. Nas. Inform. Dan Teknol. Jar.*, vol. 2, no. 2, pp. 98–105, Mar. 2018, doi: 10.30743/infotekjar.v2i2.171.
[18] A. Prastiyo and N. Rosmawanti, “Sistem Informasi Manajemen Tugas Akhir Berbasis Web,” vol. 5, no. 2, 2016.
[19] A. D. Praba and M. Safitri, “STUDI PERBANDINGAN PERFORMANSI ANTARA MYSQL DAN POSTGRESQL,” *J. Khatulistiwa Inform.*, vol. 8, no. 2, Dec. 2020, doi: 10.31294/jki.v8i2.8851.
[20] R. O. Obe and L. S. Hsu, *PostgreSQL: up and running: a practical guide to the advanced open source database; covers 9.3 with 9.4 highlights*, 2. ed. Beijing Köln: O’Reilly, 2015.
[21] J. M. Hellerstein, Ed., *Readings in database systems*, 4. ed. Cambridge, Mass.: MIT Press, 2005.
[22] M. Lorenz, G. Hesse, and J.-P. Rudolph, “Object-relational Mapping Revised - A Guideline Review and Consolidation:,” in *Proceedings of the 11th International Joint Conference on Software Technologies*, Lisbon, Portugal: SCITEPRESS - Science and Technology Publications, 2016, pp. 157–168. doi: 10.5220/0005974201570168.
[23] A. C. Purnomo, S. Wahyuni, and A. Aruan, “Rancang Bangun Sistem Informasi Monitoring Pembayaran Angsuran Nasabah Bank Mandiri,” *J. CERITA*, vol. 7, no. 1, pp. 91–97, Feb. 2021, doi: 10.33050/cerita.v7i1.1483.
[24] M. DiPierro, “The Rise of JavaScript,” *Comput. Sci. Eng.*, vol. 20, no. 1, pp. 9–10, Jan. 2018, doi: 10.1109/MCSE.2018.011111120.

[25] S. Delcev and D. Draskovic, “Modern JavaScript frameworks: A Survey Study,” in *2018 Zooming Innovation in Consumer Technologies Conference (ZINC)*, Novi Sad: IEEE, May 2018, pp. 106–109. doi: 10.1109/ZINC.2018.8448444.
[26] S. Sauda and M. Barokah, “PENERAPAN NODEJS DAN POSTGRESQL SEBAGAI BACKEND PADA APLIKASI ECOMMERCE LOCALLA”.
[27] A. Babakan, *NodeJS Essentials*.
[28] C. Dewi and A. W. Sasongko, “Sistem Pelaporan Infrastruktur Dinas Bina Marga Dan PSDA Kota Salatiga Menggunakan NodeJs Berbasis Web,” *Indones. J. Comput. Model.*, vol. 1, no. 1, pp. 10–17, Jan. 2018, doi: 10.24246/j.icm.2018.v1.i1.p10-17.
[29] S. Tilkov and S. Vinoski, “Node.js: Using JavaScript to Build High-Performance Network Programs,” *IEEE Internet Comput.*, vol. 14, no. 6, pp. 80–83, Nov. 2010, doi: 10.1109/MIC.2010.145.
[30] J. Ofoeda, R. Boateng, and J. Effah, “Application Programming Interface (API) Research: A Review of the Past to Inform the Future,” *Int. J. Enterp. Inf. Syst.*, vol. 15, no. 3, pp. 76–95, Jul. 2019, doi: 10.4018/IJEIS.2019070105.
[31] R. Daigneau, “Service Design Patterns: Fundamental Design Solutions for SOAP/WSDL and RESTful Web Services”.
[32] H. L. Haryadi, A. Sujjada, and D. S. Simatupang, “Perbandingan Rest Api Menggunakan Node Js Dan Php Pada Aplikasi Pemilihan Umum,” vol. 8, 2023.
[33] S. Verma, “Express.Js and its Usage in Web Development”.
[34] M. Casciaro and L. Mammino, *Node.js design patterns: design and implement production-grade Node.js applications using proven patterns and techniques, third edition*, 3rd ed. Place of publication not identified: Packt Publishing, 2020.
[35] Y. Christian and R. Bisma, “Studi Perbandingan Performa Aplikasi Web Monolitik dan Microservice Berbasis Apache Kafka,” *J. Inform. Comput. Sci. JINACS*, vol. 3, no. 01, pp. 79–88, Aug. 2021, doi: 10.26740/jinacs.v3n01.p79-88.
[36] C. Pautasso, O. Zimmermann, and F. Leymann, “RESTful Web Services vs. ‘Big’ Web Services: Making the Right Architectural Decision,” *Web Eng.*, 2008.
[37] L. Richardson, *RESTful web services*. Sebastopol, Calif: O’Reilly, 2007.
[38] L. Mutawali, B. K. Fathoni, and H. Asyari, “IMPLEMENTASI SCRUM DALAM PENGEMBANGAN SISTEM INFORMASI JASA DESAIN GRAFIS,” *MISI*, vol. 3, no. 2, pp. 116–121, 6.
[39] “Ken Schwaber | Scrum.org.” Accessed: Dec. 12, 2024. [Online]. Available: https://www.scrum.org/team/ken-schwaber
[40] Ronal, Yunita, and Yuliana, “Desain Unified Modeling Language (UML) Dalam Perancangan Aplikasi Hauling Trip di Industri Tambang Batubara,” *2022*, vol. 9, no. 4, pp. 3038–3050, 12.
[41] A. S. Asy’ari, A. S. Hidayah, V. C. Sabrina, and S. F. A. Wati, “ICONIX Process for Analysis and Design of Web-Based Savings and Loan Cooperative Applications,” *Inf. J. Ilm. Bid. Teknol. Inf. Dan Komun.*, vol. 9, no. 1, pp. 8–19, Sep. 2023, doi: 10.25139/inform.v9i1.4741.

[42] D. Rosenberg and M. Stephens, *Use case driven object modeling with UML: theory and practice*, New ed. in Books for professionals by professionals. Berkeley, CA New York: Apress Distributed to the Book trade worldwide by Springer-Verlag, 2007.
[43] S. Al-Fedaghi, "Conceptual Data Modeling: Entity–Relationship Models as Thinging Machines," *Int. J. Comput. Sci. Netw. Secur.*, vol. 21, no. 9, pp. 247–260, Sep. 2021, doi: 10.22937/IJCSNS.2021.21.9.33.
[44] C. Batini, S. Ceri, and S. Navathe, *Conceptual database design: an entity-relationship approach*. Redwood City, Calif: Benjamin/Cummings Pub. Co, 1992.
[45] R. Hull and R. King, "Semantic database modeling: survey, applications, and research issues," *ACM Comput. Surv.*, vol. 19, no. 3, pp. 201–260, Sep. 1987, doi: 10.1145/45072.45073.
[46] T. Teorey, Ed., *Database modeling and design: logical design*, 5th ed. in The Morgan Kaufmann series in data management systems. Burlington, MA: Morgan Kaufmann, 2011.
[47] R. Ramakrishnan and J. Gehrke, *Database management systems*, 3rd ed. Boston: McGraw-Hill, 2003.
[48] R. S. Pressman, *Software Engineering: A Practitioner's Approach. 7th Edition.* in 7. New York : McGraw-Hill: Media Jurnal Informatika.
[49] F. C. Ningrum, D. Suherman, S. Aryanti, H. A. Prasetya, and A. Saifudin, "Pengujian Black Box pada Aplikasi Sistem Seleksi Sales Terbaik Menggunakan Teknik Equivalence Partitions," *J. Inform. Univ. Pamulang*, vol. 4, no. 4, p. 125, Dec. 2019, doi: 10.32493/informatika.v4i4.3782.
[50] G. S. Mahendra and I. K. A. Asmarajaya, "Evaluation Using Black Box Testing and System Usability Scale in the Kidung Sekar Madya Application," *Sinkron*, vol. 7, no. 4, pp. 2292–2302, Oct. 2022, doi: 10.33395/sinkron.v7i4.11755.
[51] H. A. Karim, A. M. Olow, and M. Afifah, "Rules Based Algorithm for AI game JADDWAL," *J. Tek. Inform. Dan Elektro*, vol. 4, no. 1, pp. 64–67, Jan. 2022, doi: 10.55542/jurtie.v4i1.429.
[52] T. Lusiani, "SISTEM BERBASIS ATURAN UNTUK MENDIAGNOSA PENYAKIT FLU BURUNG SECARA ONLINE," 2006.
[53] A. Supratman, B. I. Nugroho, and R. D. Kurniawan, "Penerapan Metode Rule Based System Untuk Menentukan Jenis Tanaman Pertanian Berdasarkan Ketinggian Dan Curah Hujan".
[54] T. Liu, J. Ma, W. Guan, Y. Song, and P. Fu, "Design and Implementation of Bus Crew Scheduling System Using Integrated Case-based and Rule-based Reasoning," in *2012 Fifth International Joint Conference on Computational Sciences and Optimization*, Harbin, Heilongjiang, China: IEEE, Jun. 2012, pp. 475–479. doi: 10.1109/CSO.2012.110.
[55] K. Rubin, *Essential Scrum: A Practical Guide to the Most Popular Agile Process*, 1st ed. in Addison-Wesley. Pearson Education, Inc.