REFERENCES

Adenowo, A. A. A., & Adenowo, B. A. (2013). A Review of the Waterfall Model and Object-Oriented Approach Malaria detection software tools View project Software Engineering Methodologies: A Review of the Waterfall Model and Object-Oriented Approach. *International Journal of Scientific & Engineering Research*, *4*(7), 427–434.

Aditya, R., Pranatawijaya, V. H., & Putra, P. B. A. A. (2021). Rancang Bangun Aplikasi Monitoring Kegiatan Menggunakan Metode Prototype. *Journal of Information Technology and Computer Science*, *1*(1), 47–57.

Affolter, K., Stockinger, K., & Bernstein, A. (2019). A comparative survey of recent natural language interfaces for databases. *The VLDB Journal*, *28*(5), 793–819. https://doi.org/10.1007/s00778-019-00567-8

Aryabimo, A. R., Bernady, D., Sari, N. N. K., & Pranatawijaya, V. H. (2024). Implementasi API Chat GPT pada Aplikasi Restoran Berbasis Website. *Jurnal Informatika Dan Teknik Elektro Terapan*, *12*(3). https://doi.org/10.23960/jitet.v12i3.4408

Bangor, A., Kortum, P., & Miller, J. (2009). Determining what individual SUS scores mean; adding an adjective rating. *Journal of Usability Studies*, *4*(3), 114–123.

Bangor, A., Kortum, P. T., & Miller, J. T. (2008). An Empirical Evaluation of the System Usability Scale. *International Journal of Human-Computer Interaction*, *24*(6), 574–594. https://doi.org/10.1080/10447310802205776

Baskett, L., LeRouge, C., & Tremblay, M. C. (2008). Using the dashboard technology properly. *Health Progress*, *89*(5), 16.

Beck, K., Beedle, M., Bennekum, van A., Grenning, J., & Highsmith, J. (2001). *Manifesto for Agile Software Development*.

Beynon-Davies, P., Came, C., Mackay, H., & Tudhope, D. (1999). Rapid application development (Rad): An empirical review. *European Journal of Information Systems*, *8*(3), 211–232. https://doi.org/10.1057/palgrave.ejis.3000325

Bifakhlina, F., & Bianca, R. M. (2024). Tahap Analisis Data untuk Profesional Informasi Menggunakan Google Looker Studio. *Jurnal Kajian Kepustakawanan*, *6*. https://doi.org/https://doi.org/10.15548/mj.v6i1.8594

Boehm, B. W. (1995). Spiral model of software development and enhancement. *IEEE Engineering Management Review*, *23*(4), 69–81. https://doi.org/10.1145/12944.12948

Borra, P. (2024). Evaluation of Top Cloud Service Providers BI Tools: A Comparison of Amazon Quicksight, Microsoft Power BI, and Google Looker. *International Journal of Computer Engineering and Technology (IJCET)*, *15*(3), 150–156. https://doi.org/https://doi.org/10.17605/OSF.IO/RKZG4

Brooke, J. (2020). SUS: A "Quick and Dirty" Usability Scale. *Usability Evaluation In Industry*, *November 1995*, 207–212. https://doi.org/10.1201/9781498710411-35

Buananta, Septian Eka Ady Anda, A. C. (2021). BI Dashboard to Support Decision Making on Product Promotion for Payment/Purchase Transactions on E-Banking. *Journal of Theoretical and Applied Information Technology*, *99*.

Chavan, P., & Pawar, S. (2021). Comparison Study Between Performance of Laravel and Other PHP Frameworks. *International Journal of Research in Engineering, Science and Management*, *4*(10). https://journal.ijresm.com/index.php/ijresm/article/view/1420/1363

Chen, Yida Wu, Aoyu DePodesta, Trevor Yeh, Catherine Li, K., & Marin, N. C. (2024). Designing a Dashboard for Transparency and Control of Conversational AI. *Computation & Language*. https://arxiv.org/abs/2406.07882

Christin, E. Y., Wahyuningsih, Y., & Mahendrasusila, F. (2024). Penerapan Model Waterfall pada Perancangan Corporate Web. *Jurnal Teknologi Informatika Dan Komputer*, *10*(1), 36–46. https://doi.org/10.37012/jtik.v10i1.1915

Clark, T., & Evans, A. (1997). *Foundations of the Unified Modeling Language*. https://doi.org/10.14236/ewic/FA1997.6

Damyanov, I., & Tsankov, N. (2019). On the Possibilities of Applying Dashboards in the Educational System. *TEM Journal*, 424–429. https://doi.org/10.18421/TEM82-15

Das, A., & Balabantaray, R. C. (2019). MyNLIDB: A Natural Language Interface to Database. *2019 International Conference on Information Technology (ICIT)*, 234–238. https://doi.org/10.1109/ICIT48102.2019.00048

Deng, D., Wu, A., Qu, H., & Wu, Y. (2022). DashBot: Insight-Driven Dashboard Generation Based on Deep Reinforcement Learning. *Human-Computer Interaction*. https://arxiv.org/abs/2208.01232

Engels, G., Heckel, R., & Sauer, S. (2000). *UML — A Universal Modeling Language?* (pp. 24–38). https://doi.org/10.1007/3-540-44988-4_3

Fitria Anisa, Fauzi Syahputra Harahap, Harits Al Khosyi, Intan Permata Sari, & Yahfizham. (2024). Pengembangan Software Menggunakan Model SDLC Guna Mencapai Keselarasan dengan Kebutuhan Pengguna. *Journal Of Informatics And Busisnes*, *01*(04), 229–232. https://jurnal.ittc.web.id/index.php/jibs/index

Gao, D., Wang, H., Li, Y., Sun, X., Qian, Y., Ding, B., & Zhou, J. (2024). Text-to-SQL Empowered by Large Language Models: A Benchmark Evaluation. *Proceedings of the VLDB Endowment*, *17*(5), 1132–1145. https://doi.org/10.14778/3641204.3641221

Grier, R. A., Bangor, A., Kortum, P., & Peres, S. C. (2013). The System Usability Scale. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting*, *57*(1), 187–191. https://doi.org/10.1177/1541931213571042

Haditama, M. R. (2024). *Analisis dan pembuatan dashboard prediksi kelulusan mahasiswa menggunakan metode random forest, naïve bayes dan support vector machine*. https://repository.uinjkt.ac.id/dspace/handle/123456789/76251

Hady, E. L., Haryono, K., & Rahayu, N. W. (2020). User Acceptance Testing (UAT) pada Purwarupa Sistem Tabungan Santri (Studi Kasus: Pondok Pesantren Al-Mawaddah). *Jurnal Ilmiah Multimedia Dan Komunikasi*, *5*(1), 1–10.

Haviluddin. (2011). Memahami Penggunaan UML (Unified Modelling Language). *Jurnal Informatika Mulawarman*, *6*. https://e-journals.unmul.ac.id/index.php/JIM/article/view/16/0

Hevner, March, Park, & Ram. (2004). Design Science in Information Systems Research. *MIS Quarterly*, *28*(1), 75. https://doi.org/10.2307/25148625

Klimek, B., & Skublewska-Paszkowska, M. (2021). Comparison of the performance of relational databases PostgreSQL and MySQL for desktop application. *Journal of Computer Sciences Institute*, *18*, 61–66. https://doi.org/10.35784/jcsi.2314

Kulkarni, A., & Eagle, M. (2021). Towards Understanding the Impact of Real-Time AI-Powered Educational Dashboards (RAED) on Providing Guidance to Instructors. *Proceedings of the 13th International Conference on Educational Data Mining, EDM 2020*, 781–784. https://arxiv.org/abs/2107.14414#

Lichter, H., Schneider-Hufschmidt, M., & Zullighoven, H. (1994). Prototyping in industrial software projects-bridging the gap between theory and practice. *IEEE Transactions on Software Engineering*, *20*(11), 825–832. https://doi.org/10.1109/32.368126

Marvaro, E., & Sefina Samosir, R. (2021). Penerapan Business Intelligence dan Visualisasi Informasi di CV. Mitra Makmur Dengan Menggunakan Dashboard Tableau. *KALBISCIENTIA Jurnal Sains Dan Teknologi*, *8*(2), 37–46. https://doi.org/10.53008/kalbiscientia.v8i2.197

Meyer, M. H., & Webb, P. H. (2005). Modular, layered architecture: the necessary foundation for effective mass customisation in software. *International Journal of Mass Customisation*, *1*(1), 14. https://doi.org/10.1504/ijmassc.2005.007349

Mudassar, S., Khan, A., & Sciences, E. (2023). Iterative Model Used in Software Development. *ResearchGate*, *June*, 2–4. https://doi.org/10.13140/RG.2.2.29580.69764

Mulyawan, M., Dana, R. D., Bahtiar, A., & Ali, I. (2024). Optimalisasi Layanan Kesehatan di Puskesmas Melalui Pengembangan Chatbot Berbasis Web Menggunakan Flowise AI. *JTIM : Jurnal Teknologi Informasi Dan Multimedia*, *6*(3), 376–391. https://doi.org/10.35746/jtim.v6i3.617

Pargaonkar, S. (2023). A Comprehensive Research Analysis of Software Development Life Cycle (SDLC) Agile & Waterfall Model Advantages, Disadvantages, and Application Suitability in Software Quality Engineering. *International Journal of Scientific and Research Publications*, *13*(8), 120–124. https://doi.org/10.29322/IJSRP.13.08.2023.p14015

Patil, M. M., Hanni, A., Tejeshwar, C. H., & Patil, P. (2017). A qualitative analysis of the performance of MongoDB vs MySQL database based on insertion and retriewal operations using a web/android application to explore load balancing — Sharding in MongoDB and its advantages. *2017 International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC)*, 325–330. https://doi.org/10.1109/I-SMAC.2017.8058365

Prihandoyo, M. T. (2018). Unified Modeling Language (UML) Model Untuk Pengembangan Sistem Informasi Akademik Berbasis Web. *Jurnal Informatika: Jurnal Pengembangan IT*, *3*(1), 126–129. https://doi.org/10.30591/jpit.v3i1.765

Purbo, O. (2021). A Systematic Analysis: Website Development using Codeigniter and Laravel Framework. *Enrichment : Journal of Management*, *12*, 1008–1014. http://www.enrichment.iocspublisher.org/index.php/enrichment/article/view/346/268

Rahmawati, D., Prabowo, A. S., & Purwanto, R. (2021). Implementasi Model Waterfall pada Pengembangan Sistem Informasi Monitoring Prestasi Mahasiswa. *Journal of Innovation Information Technology and Application (JINITA)*, *3*(1), 82–93. https://doi.org/10.35970/jinita.v3i1.678

Ramanda Kalawa Putri, M., Fajari, R., Handrianus Pranatawijaya, V., & Noor Kamala Sari, N. (2024). Penerapan API pada Dashboard Admin Salon Berbasis Website. *JATI (Jurnal Mahasiswa Teknik Informatika)*, *8*(3), 3925–3930. https://doi.org/10.36040/jati.v8i3.9667

Rizqy, M., & Silmina, P. E. (2025). Perancangan dan Implementasi Dashboard Berbasis Web untuk Meningkatkan Transparansi dan Pengawasan Kinerja Menggunakan Metode Waterfall. *Informatics and Computer Engineering Journal*, *5*, 54–61. https://doi.org/https://ojs.bsi.ac.id/index.php/ijec/article/view/7683/1979

Ruseno, N., Santoso, I., & NurSiaga, R. (2024). Perancangan Dashboard Business Intelligence Menggunakan Google Looker pada Bisnis Apotik dengan Metode Waterfall. *Jurnal Informasi Dan Komputer*, *12*.

Sarker, I. H., Faruque, F., Hossen, U., & Rahman, A. (2015). A Survey of Software Development Process Models in Software Engineering. *International Journal of Software Engineering and Its Applications*, *9*(11), 55–70. https://doi.org/10.14257/ijseia.2015.9.11.05

Sauro, J., & Lewis, J. R. (2016). Standardized usability questionnaires. In *Quantifying the User Experience* (pp. 185–248). Elsevier. https://doi.org/10.1016/B978-0-12-802308-2.00008-4

Senarath, U. S. (2021). Waterfall methodology, prototyping and agile development. *Tech. Rep.*, *June*, 1–16. https://doi.org/10.13140/RG.2.2.17918.72001

Septiawan, E., Sakethi, D., & Andrian, R. (2022). Penerapan Metode Waterfall pada Pengembangan Sistem Informasi Monitoring Proses Bimbingan Skripsi di Jurusan Ilmu Komputer Universitas Lampung. *Jurnal Pepadun*, *3*(1), 74–87. https://doi.org/10.23960/pepadun.v3i1.102

Sofyan, D. R., Rolina, N. M. R., & Hidayati, H. (2020). employee Dashboard Telkom University Based on Web. *EProceedings of Applied Science*, *6*(2).

Šušter, I., & Ranisavljević, T. (2023). Optimization of MySQL database. *Journal of Process Management and New Technologies*, *11*(1–2), 141–151. https://doi.org/10.5937/jouproman2301141Q

Tang, C. (2019). Associations Between the Principle of Provenance and Metadata: Practical Implementation and Cases. *American Journal of Information Science and Technology*, *3*(1), 17. https://doi.org/10.11648/j.ajist.20190301.13

Thanisch, P. (1995). Natural Language Interfaces to Databases - an Introduction. *Natural Language Engineering*, *1*(1), 29–81. https://doi.org/10.1017/S135132490000005X

Tu, Z. (2023). Research on the Application of Layered Architecture in Computer Software Development. *Journal of Computing and Electronic Information Management*, *11*(3), 34–38. https://doi.org/10.54097/jceim.v11i3.08

Wang, K.-J., & Lee, T.-L. (2024). Designing a digital-twin based dashboard system for a flexible assembly line. *Computers & Industrial Engineering*, *196*, 110491. https://doi.org/10.1016/j.cie.2024.110491

Wulandari, W., Nofiyani, N., & Hasugian, H. (2023). User Acceptance Testing (UAT) Pada Electronic Data Preprocessing Guna Mengetahui Kualitas Sistem. In *Jurnal Mahasiswa Ilmu Komputer* (Vol. 4, Issue 1, pp. 20–27). https://doi.org/10.24127/ilmukomputer.v4i1.3383

Yakub, H., Daniawan, B., Wijaya, A., & Damayanti, L. (2024). Sistem Informasi E-Commerce Berbasis Website Dengan Metode Pengujian User Acceptance Testing. *JSITIK: Jurnal Sistem Informasi Dan Teknologi Informasi Komputer*, *2*(2), 113–127. https://doi.org/10.53624/jsitik.v2i2.362