

DAFTAR PUSTAKA

- [1] F. Faridah, “Urgensi Implementasi JRA dalam Pengelolaan Arsip Tugas Akhir sebagai Sumber Ilmu Pengetahuan di Lingkungan FEM IPB,” *Khazanah: Jurnal Pengembangan Kearsipan*, vol. 13, no. 2, pp. 172–193, 2020, doi: 10.22146/khazanah.56752.
- [2] A. Lopes, D. Rodrigues, J. Saraiva, M. Abbasi, P. Martins, and C. Wanzeller, “Scalability and Performance Evaluation of Graph Database Systems: A Comparative Study of Neo4j, JanusGraph, Memgraph, NebulaGraph, and TigerGraph,” in *2023 Second International Conference On Smart Technologies For Smart Nation (SmartTechCon)*, 2023, pp. 537–542. doi: 10.1109/SmartTechCon57526.2023.10391694.
- [3] B. Mourad and D. Abdeslam, “In-Depth Métan- Search Engine,” in *2021 International Conference on Information Systems and Advanced Technologies (ICISAT)*, 2021, pp. 1–6. doi: 10.1109/ICISAT54145.2021.9678494.
- [4] W. L. Q. C. Zi Xiong Yue Qi, *Design and Implementation of an Academic Search System Based on a General Query Language and Automatic Question Answering*, vol. 2658. CEUR Workshop Proceedings, 2020.
- [5] T. Khatoon, A. Govardhan, and D. Sujatha, “Improving Document Relevant accuracy by distinguish Doc2query Matching Mechanisms on Biomedical Literature,” in *2020 10th International Conference on Cloud Computing, Data Science & Engineering (Confluence)*, 2020, pp. 727–732. doi: 10.1109/Confluence47617.2020.9058299.
- [6] A. I. Kadhim, “Term Weighting for Feature Extraction on Twitter: A Comparison Between BM25 and TF-IDF,” in *2019 International Conference on Advanced Science and Engineering (ICOASE)*, 2019, pp. 124–128. doi: 10.1109/ICOASE.2019.8723825.
- [7] Amazon Web Services, “What is Elasticsearch?,” 2025. [Online]. Available: <https://aws.amazon.com/id/what-is/elasticsearch/>
- [8] P. Seda, J. Hosek, P. Masek, and J. Pokorny, “Performance testing of NoSQL and RDBMS for storing big data in e-applications,” Mar. 2018, pp. 1–4. doi: 10.1109/IGBSG.2018.8393559.
- [9] C. Zhai, *Statistical Language Models for Information Retrieval*, 1st ed., vol. XII. in *Synthesis Lectures on Human Language Technologies*, vol. XII. Springer Cham, 2009. doi: 10.1007/978-3-031-02130-5.
- [10] C. Zhai and J. Lafferty, “A study of smoothing methods for language models applied to Ad Hoc information retrieval,” in *Proceedings of the 24th Annual International ACM SIGIR Conference on Research and Development in Information Retrieval*, in SIGIR ’01. New York, NY, USA: Association for Computing Machinery, 2001, pp. 334–342. doi: 10.1145/383952.384019.
- [11] D. Ujjwal, P. Rastogi, and S. Siddhartha, “Analysis of retrieval models for cross language information retrieval,” in *2016 10th International Conference on Intelligent Systems and Control (ISCO)*, 2016, pp. 1–4. doi: 10.1109/ISCO.2016.7727028.
- [12] C. Petersen, J. G. Simonsen, K. Järvelin, and C. Lioma, “Adaptive Distributional Extensions to DFR Ranking,” in *Proceedings of the 25th ACM International on Conference on Information and Knowledge Management*, in CIKM ’16. New York,



- NY, USA: Association for Computing Machinery, 2016, pp. 2005–2008. doi: 10.1145/2983323.2983895.
- [13] E. Clinchant Stéphane and Gaussier, “Bridging Language Modeling and Divergence from Randomness Models: A Log-Logistic Model for IR,” in *Advances in Information Retrieval Theory*, G. and R. S. and R. S. and S. M. and S. D. and Y. E. Azzopardi Leif and Kazai, Ed., Berlin, Heidelberg: Springer Berlin Heidelberg, 2009, pp. 54–65. doi: 10.1007/978-3-642-04417-5_6.
- [14] N. Nagpal, “Query Expansion for Information Retrieval using Word Embeddings: A Comparative Study,” in *2022 2nd International Conference on Technological Advancements in Computational Sciences (ICTACS)*, 2022, pp. 289–293. doi: 10.1109/ICTACS56270.2022.9988667.
- [15] A. Tamrakar and S. K. Vishwakarma, “Analysis of Probabilistic Model for Document Retrieval in Information Retrieval,” in *2015 International Conference on Computational Intelligence and Communication Networks (CICN)*, 2015, pp. 760–765. doi: 10.1109/CICN.2015.155.
- [16] A. Mishra and S. Vishwakarma, “Analysis of TF-IDF Model and its Variant for Document Retrieval,” in *2015 International Conference on Computational Intelligence and Communication Networks (CICN)*, 2015, pp. 772–776. doi: 10.1109/CICN.2015.157.
- [17] B. M, R. M P, and E. S. G S R, “Information Retrieval in Search Engines Using Pseudo Relevance Feedback Mechanism,” in *2019 International Conference on Vision Towards Emerging Trends in Communication and Networking (ViTECoN)*, 2019, pp. 1–5. doi: 10.1109/ViTECoN.2019.8899424.
- [18] C. D. Manning, P. Raghavan, and H. Schütze, *Introduction to Information Retrieval*, vol. 1. Cambridge University Press, 2008. doi: 10.1017/CBO9780511809071.
- [19] W. Croft, D. Metzler, and T. Strohman, *Search engines: Information retrieval in practice*. 2009.
- [20] Universitas Gadjah Mada, “D4 Teknologi Rekayasa Perangkat Lunak,” 2025. [Online]. Available: <https://tedi.sv.ugm.ac.id/id/d4-teknologi-rekayasa-perangkat-lunak/>
- [21] Meta Platforms Inc., “React Documentation,” 2025. [Online]. Available: <https://react.dev/>
- [22] Vercel, “Next.js Documentation,” 2025. [Online]. Available: <https://nextjs.org/docs>
- [23] O. Palinggi, S. Maesaroh, M. B. Permana, D. F. Huda, and K. A. Priyono, “Entity-Relationship Diagram Technique in Database,” *Collabits Journal*, vol. 1, no. 2, pp. 102–104, May 2024, doi: 10.22441/collabits.v1i2.27252.
- [24] G. Amati, “Divergence from Randomness Models,” Jan. 2009, doi: 10.1007/978-0-387-39940-9_924.
- [25] R. Mohamad, N. Yassin, and S. Sualim, “Comparative Evaluation of Automated User Acceptance Testing Tool for Web Based Application,” *International Journal of Software Engineering and Technology*, vol. 2, pp. 1–6, Feb. 2016.
- [26] Elastic, “What is an Elasticsearch Index?,” 2024. [Online]. Available: <https://www.elastic.co/blog/what-is-an-elasticsearch-index>
- [27] S. Robertson and H. Zaragoza, “The Probabilistic Relevance Framework: BM25 and Beyond,” *Foundations and Trends® in Information Retrieval*, vol. 3, no. 4, pp. 333–389, 2009, doi: 10.1561/1500000019.