

DAFTAR PUSTAKA

- [1] S. Swain and V. Chouhan, "A smart contract solution for transparent auctions on permissioned blockchain platform," *Computers and Electrical Engineering*, vol. 121, Jan. 2025, doi: 10.1016/j.compeleceng.2024.109859.
- [2] Z. Ye, C. L. Chen, W. Weng, H. Sun, W. J. Tsaur, and Y. Y. Deng, "An anonymous and fair auction system based on blockchain," *Journal of Supercomputing*, vol. 79, no. 13, pp. 13909–13951, Sep. 2023, doi: 10.1007/s11227-023-05155-w.
- [3] D. Jenderal, K. Negara, and K. Keuangan, "LAPORAN KINERJA DIREKTORAT LELANG TAHUN 2023."
- [4] Y. Zhan Hong, H. Harun, and C. Author, "Design and Development of An Online Auction System," 2024. [Online]. Available: www.ijres.org
- [5] Y. Tshering, S. Ratna Tamrakar, and S. Gontia, "Bid Buy-Sell system using client-server architecture, solution of concurrent users for the web application through optimistic locking and multithreading," 2021.
- [6] E. Haruvy, M. H. Nia, Ö. Özer, and A. S. Şimşek, "The Winner's Curse in Dynamic Forecasting of Auction Data: Empirical Evidence from eBay," *Manufacturing and Service Operations Management*, vol. 25, no. 3, pp. 1155–1175, May 2023, doi: 10.1287/msom.2022.1165.
- [7] D. Liu, P. Wang, X. Zhou, and B. Wang, "ERACE: Toward Facilitating Exploit Generation for Kernel Race Vulnerabilities," *Applied Sciences (Switzerland)*, vol. 12, no. 23, Dec. 2022, doi: 10.3390/app122311925.
- [8] Z. Qiu, S. Shao, Q. Zhao, H. A. Khan, X. Hui, and G. Jin, "A Deep Study of the Effects and Fixes of Server-Side Request Races in Web Applications," *Proceedings - 2022 Mining Software Repositories Conference, MSR 2022*, pp. 744–756, 2022, doi: 10.1145/3524842.3528463.
- [9] T. Hana Lolita BLT, H. Kabetta, R. Kriptografi, and P. Siber dan Sandi Negara, "Studi Web Race Condition Sebagai Acuan Pembuatan Modul Praktikum."
- [10] M. Hasan, S. Yasmin, and A. Salam, "Concurrency Control in Distributed Database System: Solution of the Anomalies & Challenges," pp. 629–636, 2024, doi: 10.1145/3723178.3723261.
- [11] H. Y. Zhao, Z. H. Zhao, W. Q. Yang, W. Lu, H. X. Li, and X. Y. Du, "Experimental Study on Concurrency Control Algorithms in In-Memory Databases," *Ruan Jian Xue Bao/Journal of Software*, vol. 33, no. 3, pp. 867–890, 2022, doi: 10.13328/j.cnki.jos.006454.
- [12] E. Abduljalil, F. Thabit, O. Can, P. R. Patil, and S. B. Thorat, "A new secure 2PL real-time concurrency control algorithm (ES2PL)," *International Journal of Intelligent Networks*, vol. 3, no. October 2021, pp. 48–57, 2022, doi: 10.1016/j.ijin.2022.05.001.
- [13] Y. Hong *et al.*, "A Hybrid Approach to Integrating Deterministic and Non-deterministic Concurrency Control in Database Systems," *Proceedings of the VLDB Endowment*, vol. 18, no. 5, pp. 1376–1389, 2025, doi: 10.14778/3718057.3718066.
- [14] H. Pan *et al.*, "CCaaLF: Concurrency Control as a Learnable Function," 2025, [Online]. Available: <http://arxiv.org/abs/2503.10036>
- [15] A.K. Bayya, "Ensuring atomicity and concurrency in distributed database systems for high-performance applications," *International Journal of Frontiers in Engineering*

- and Technology Research*, vol. 7, no. 2, pp. 082–092, 2024, doi: 10.53294/ijfetr.2024.7.2.0054.
- [16] M. Yasin and A. Abohany, “A Review on Concurrency Control Techniques in Database Management Systems,” *Kafrelsheikh Journal of Information Sciences*, vol. 3, no. 1, pp. 1–10, 2022, doi: 10.21608/kjis.2022.246104.
 - [17] A. Upadhyay, V. Laxmi, and S. Naval, “Navigating the Concurrency Landscape: A Survey of Race Condition Vulnerability Detectors,” 2023, [Online]. Available: <http://arxiv.org/abs/2312.14479>
 - [18] S. Hsiao, S. Mattox, T. Park, S. Selvaraj, and A. Tam, “IS e C ure,” pp. 1–22, 2009.
 - [19] F. Loi, L. Pisu, L. Regano, D. Maiorca, and G. Giacinto, “Race against time: investigating the factors that influence web race condition exploits,” *Comput. Secur.*, vol. 160, no. July 2025, p. 104740, 2026, doi: 10.1016/j.cose.2025.104740.
 - [20] “Summary of the Amazon DynamoDB Service Disruption in the Northern Virginia (US-EAST-1) Region.” Accessed: Jul. 07, 2026. [Online]. Available: <https://aws.amazon.com/message/101925/>
 - [21] “CyberCube Shares Insurance Loss Estimate for AWS ‘Amazonk’ Outage.” Accessed: Jul. 07, 2026. [Online]. Available: <https://www.cybcube.com/news/insurance-loss-estimate-for-aws-amazonk-outage>
 - [22] K. M. Asumura, T. H. Oshino, and H. K. Awashima, “Fast Concurrency Control with Thread Activity Management beyond Backoff,” *Journal of Information Processing*, vol. 30, pp. 552–561, 2022, doi: 10.2197/ipsjip.30.552.
 - [23] “OCC2T An Early-Read Dual-Track OCC Algorithm For MixedMode Systems”.
 - [24] H. Lin, Y. Zhou, and L. Wu, “Operation-level Concurrent Transaction Execution for Blockchains,” 2022, [Online]. Available: <http://arxiv.org/abs/2211.07911>
 - [25] S. Botros and J. Tinley, “MySQL Proven Strategies for Operating at Scale.”
 - [26] “MySQL :: MySQL 8.4 Reference Manual :: 17.7.5.2 Deadlock Detection.” Accessed: Jul. 07, 2026. [Online]. Available: <https://dev.mysql.com/doc/refman/8.4/en/innodb-deadlock-detection.html>
 - [27] D. Martinenghi, “Towards a visually interpretable analysis of Two-Phase Locking membership,” pp. 1–10, 2025, [Online]. Available: <http://arxiv.org/abs/2501.06978>
 - [28] Z. Guo, K. Wu, C. Yan, and X. Yu, *Releasing Locks As Early As You Can: Reducing Contention of Hotspots by Violating Two-Phase Locking*, vol. 1, no. 1. Association for Computing Machinery, 2021. doi: 10.1145/3448016.3457294.
 - [29] “MySQL: Innodb Lock-sys.” Accessed: Jul. 07, 2026. [Online]. Available: https://dev.mysql.com/doc/dev/mysql-server/8.4.9/PAGE_INNODB_LOCK_SYS.html
 - [30] “MySQL :: MySQL 8.4 Reference Manual :: 17.7.1 InnoDB Locking.” Accessed: Mar. 28, 2026. [Online]. Available: <https://dev.mysql.com/doc/refman/8.4/en/innodb-locking.html>
 - [31] “MySQL :: MySQL 8.4 Reference Manual :: 17.15.2.2 InnoDB Lock and Lock-Wait Information.” Accessed: Mar. 28, 2026. [Online]. Available: <https://dev.mysql.com/doc/refman/8.4/en/innodb-information-schema-understanding-innodb-locking.html>
 - [32] “MySQL :: MySQL 8.4 Reference Manual :: 29.12.13.1 The data_locks Table.” Accessed: Mar. 16, 2026. [Online]. Available: <https://dev.mysql.com/doc/refman/8.4/en/performance-schema-data-locks-table.html>

- [33] "Race conditions | Web Security Academy." Accessed: Mar. 16, 2026. [Online]. Available: <https://portswigger.net/web-security/race-conditions>
- [34] "Network Jitter: Causes, Impact and How to Fix It | IR." Accessed: Jul. 08, 2026. [Online]. Available: <https://www.ir.com/guides/what-is-network-jitter>
- [35] R. Miyachi, K. Nagashima, and T. Saito, "Investigation and Countermeasures for TOCTOU Race Condition Vulnerabilities in WordPress Plugins with Execution Limits," *Journal of Information Processing*, vol. 33, pp. 1181–1190, 2025, doi: 10.2197/ipsjip.33.1181.
- [36] Jovita Nabilah Azizi *et al.*, "PENGUJIAN BLACK BOX PADA WEBSITE BUITENZORG OUTDOOR MENGGUNAKAN METODE USE CASE TESTING DAN BOUNDARY VALUE," *Jurnal Cakrawala Informasi*, vol. 4, no. 2, pp. 22–32, Dec. 2024, doi: 10.54066/jci.v4i2.502.
- [37] Rangga Gelar Guntara and V. Azkarin, "Implementasi dan Pengujian REST API Sistem Reservasi Ruang Rapat dengan Metode Black Box Testing," *Jurnal Minfo Polgan*, vol. 12, no. 1, pp. 1229–1238, Jul. 2023, doi: 10.33395/jmp.v12i1.12691.
- [38] Z. M. Alshamaa and N. N. Saleem, "Black Box Software Testing Techniques: a Literature Review," *Passer Journal of Basic and Applied Sciences*, vol. 7, no. 2, pp. 1001–1011, Dec. 2025, doi: 10.24271/psr.2025.508216.1963.
- [39] Y. D. Cahyono, L. W. Widiati, and S. I. Pramuningsih, "PENGUJIAN BLACK BOX PADA WEBSITE SISTEM INFORMASI PENGOLAHAN DATA TERITORIAL MENGGUNAKAN METODE USE CASE TESTING UNTUK OPERASI MILITER," 2025.
- [40] E. Novalia and A. Voutama, "Black Box Testing dengan Teknik Equivalence Partitions Pada Aplikasi Android M-Magazine Mading Sekolah," 2022.
- [41] "PENGEMBANGAN APLIKASI PENILAIAN OUTCOME-BASED EDUCATION (OBE) BERBASIS WEBSITE DENGAN METODE WATERFALL".
- [42] Q. Putra Effendy and A. Farisi, "Penerapan Metode Waterfall dalam Pengembangan Sistem Informasi Lembaga Sertifikasi Profesi P1 UMDP," *JEMSI*, vol. 7, no. 2, 2025, doi: 10.38035/jemsi.v7i2.
- [43] A. M. Felicetti, M. Luzzi, S. Ammirato, and F. Guerriero, "A Systematic Literature Review on Auction Mechanisms: Insights From the Last Decade and Future Directions," *J. Econ. Surv.*, vol. 39, no. 5, pp. 1971–1998, Dec. 2025, doi: 10.1111/joes.12684.
- [44] D. Usharajeswari and B. Trinadh, "SECURE ONLINE E-AUCTION SYSTEM USING BLOCKCHAIN TECHNOLOGY."
- [45] D. R. Ap, M. Taufiq Anwar, and S. Waskito, "PENERAPAN METODE ENGLISH AUCTION PADA APLIKASI LELANG ITEM INVENTORY," *Jurnal Ilmiah Sains dan Teknologi*, vol. 8, no. 1, 2024.
- [46] A. Adadurov, S. Barseghyan, A. Chtepine, A. Eloranta, A. Sebyakin, and A. Valitov, "Open vs. Sealed: Auction Format Choice for Maximal Extractable Value," Mar. 2026, [Online]. Available: <http://arxiv.org/abs/2603.16333>
- [47] M. Bennett, R. Mullard, M. T. P. Adam, M. Steyvers, S. Brown, and A. Eidels, "Going, going, gone: competitive decision-making in Dutch auctions," *Cogn. Res. Princ. Implic.*, vol. 5, no. 1, Dec. 2020, doi: 10.1186/s41235-020-00259-w.
- [48] "Registering as a seller | eBay." Accessed: Jul. 07, 2026. [Online]. Available: <https://www.ebay.com/help/selling/getting-paid/registering-seller?id=4792>

- [49] "How to sell on Catawiki: A step-by-step guide - Catawiki." Accessed: Jul. 07, 2026. [Online]. Available: <https://www.catawiki.com/en/stories/6201-how-to-sell-on-catawiki-a-step-by-step-guide>
- [50] "Buyer Protection." Accessed: Jul. 07, 2026. [Online]. Available: <https://www.catawiki.com/en/pages/p/buyer-protection>
- [51] V. K. C. Gentena, "Design and Implementation of Online Auction System Project Documentation Using the WPM Method," *International Journal of Cloud Computing and Supply Chain Management*, vol. 1, no. 1, pp. 25–36, 2025, doi: 10.55124/ijccsm.v1i1.235.
- [52] S. Harsshita, A. Shruthi, B. Kanaka Srinidhi, and Ms. Jayalakshmi, "A Secure and Scalable Online Auction System Leveraging Hybrid Machine Learning Models and Rule-Based Systems for Real-Time Fraud Detection and Transparent Bidding," *International Research Journal on Advanced Engineering and Management (IRJAEM)*, vol. 3, no. 04, pp. 1248–1255, 2025, doi: 10.47392/irjaem.2025.0204.
- [53] A. N. Ramamani, "Online Bidding System," vol. 7, no. 5, pp. 123–127, 2020.
- [54] P. Kantor Pelayanan Kekayaan Negara Dan Lelang Jember Suprianik, W. Sari, S. Romlaini, A. Syariah, and U. Islam Negeri Kiai Haji Achmad Siddiq Jember, "Mekanisme Permohonan Lelang Online (E-Auction)," *Jurnal Penelitian Nusantara*, vol. 1, pp. 247–253, 2025, doi: 10.59435/menulis.v1i3.102.
- [55] "Website DJKN." Accessed: Jul. 09, 2026. [Online]. Available: <https://www.djkn.kemenkeu.go.id/berita/baca/34555/Tembus-Rp4434-Triliun-DJKN-Pecahkan-Rekor-Nilai-Transaksi-Lelang.html>
- [56] "Website DJKN." Accessed: Jul. 09, 2026. [Online]. Available: <https://www.djkn.kemenkeu.go.id/berita/baca/31051/DJKN-Bukukan-Transaksi-Lelang-Sebesar-Rp35-Triliun-di-2022.html>
- [57] "Website DJKN." Accessed: Jul. 09, 2026. [Online]. Available: <https://www.djkn.kemenkeu.go.id/berita-media/baca/13215/Tertinggi-Sepanjang-Sejarah-Lelang-DJKN-Capai-Rp3516-Triliun.html>
- [58] "Website DJKN." Accessed: Jul. 09, 2026. [Online]. Available: https://www.djkn.kemenkeu.go.id/berita_media/baca/13084/Lelang-2020-capai-Rp2619-triliun-Kemenkeu-Capaian-luar-biasa.html
- [59] "DJKN targetkan nilai transaksi lelang pada 2024 capai Rp35 triliun - ANTARA News." Accessed: Jul. 09, 2026. [Online]. Available: <https://www.antaraneews.com/berita/3932505/djkn-targetkan-nilai-transaksi-lelang-pada-2024-capai-rp35-triliun>
- [60] "Website DJKN." Accessed: Jul. 07, 2026. [Online]. Available: <https://www.djkn.kemenkeu.go.id/kpknl-bekasi/baca-artikel/17883/lelangoid-Lelang-Versi-2-Satu-Platform-Banyak-Fungsi.html>
- [61] A. Permata Sari, "RANCANG BANGUN SISTEM INFORMASI PENGELOLAAN TALENT FILM BERBASIS APLIKASI WEB," *Jurnal Informatika Terpadu*, vol. 6, no. 1, pp. 29–37, [Online]. Available: <https://journal.nurulfikri.ac.id/index.php/JIT>
- [62] "Penggunaan WebSite Sebagai Sarana Evaluasi Kegiatan Akademik Siswa Di SMA Negeri 1 Punggur Lampung Tengah IkaArthalia (1)Rendi Prasetyo (2)."
- [63] V. Miftahuljannah and A. Suharso, "PENGIMPLEMENTASIAN BERBAGAI WEB BERDASARKAN KEBUTUHAN PENGGUNA DENGAN MENGGUNAKAN METODE SYSTEMATIC LITERATURE REVIEW," *INFOTECH journal*, vol. 9, no. 2, pp. 401–405, Aug. 2023, doi: 10.31949/infotech.v9i2.6341.

- [64] “DATABASE MANAJEMEN SYSTEM(DBMS)BASIC CONCEPTS”.
- [65] B. Rawat and S. Purnama, “MySQL Database Management System (DBMS) On FTP Site LAPAN Bandung,” *International Journal of Cyber and IT Service Management (IJCITSM)*, vol. 1, no. 2, pp. 173–179, 2021, doi: 10.34306/ijcitsm.v1i1.47.

