UNIVERSITAS
GADJAH MADA
RANCANG BANGUN SISTEM INFORMASI SALES ORDER SERVICE PART BERBASIS WEB DENGAN APPROVAL BERJENJANG
DIGITAL DI PT HMMI
Prasetyo Edi Pamungkas, Dinar Nugroho Pratomo, S.Kom., M.IM., M.Cs.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

DAFTAR PUSTAKA

[1] T. A. A. Amzul, S. Y. Purnomo, L. Gunawan, A. Prihatni, L. Gunawan, and H. P. D. Daeli, "STRATEGI MANAJEMEN INOVASI DALAM MEMPERTAHANKAN DAYA SAING DI PASAR GLOBAL," *J. Tadbir Perad.*, vol. 4, no. 3, pp. 475–482, Sep. 2024.

[2] I. Kurniawan, T. Saraswati, and P. D. P. Ongkopratama, "*Enhancing Production Planning and Inventory Control with a Web-Based System: A Case Study in an Indonesian Packaging Manufacturer Company*," *J. Tek. Ind.*, vol. 26, no. 1, pp. 105–126, Feb. 2025, doi: 10.22219/JTIUMM.Vol26.No1.105-126.

[3] A. Antoni, "*Understanding Microsoft Excel Phenomena in MSME Financial Statements: A systematic review from 2010 to 2020*," *Int. J. Bus. Econ. Manag.*, vol. 4, no. 1, pp. 242–250, 2021, doi: 10.31295/ijbem.v4n1.1575.

[4] Microsoft, "*Overview of Entity Framework Core*," *Microsoft Learn*. Accessed: May 25, 2026. [Online]. Available: https://learn.microsoft.com/en-us/ef/core/

[5] K. Solecha and E. Rini Yulia, "Rancang Bangun Sistem Informasi Pengelolaan *Sales Order* dan *Bill of Material Interior* dan *Exterior* Bangunan Menggunakan Model *Waterfall*," *J. Teknol. Inf.*, vol. 6, no. 1, pp. 48–54, Jul. 2020, doi: 10.52643/jti.v6i1.836.

[6] M. S. Munada and R. Kurniawan, "PENGEMBANGAN APLIKASI SALES ORDER MENGGUNAKAN BAHASA PEMROGRAMAN PHP PADA PT. SINAR SOSRO (STUDI KASUS DI KANTOR PEMASARAN KUNINGAN)," *JATI J. Mhs. Tek. Inform.*, vol. 8, no. 2, pp. 2236–2242, 2024, doi: 10.36040/jati.v8i2.9227.

[7] Y. Widianto, Y. Hizkia Pesik, and Y. Hari, "PERANCANGAN DAN PENGEMBANGAN APLIKASI MOBILE *SALES ORDER* BERBASIS FLUTTER PADA PERUSAHAAN DUA JAYA," *JATI J. Mhs. Tek. Inform.*, vol. 8, no. 5, pp. 10615–10622, Sep. 2024, doi: 10.36040/jati.v8i5.11097.

UNIVERSITAS GADJAH MADA
RANCANG BANGUN SISTEM INFORMASI SALES ORDER SERVICE PART BERBASIS WEB DENGAN APPROVAL BERJENJANG DIGITAL DI PT HMMI
Prasetyo Edi Pamungkas, Dinar Nugroho Pratomo, S.Kom., M.IM., M.Cs.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

[8] A. D. Gonza and J. F. Andry, "PERANCANGAN SISTEM PENJUALAN BERBASIS WEB PADA PERUSAHAAN SELANG INDUSTRI DENGAN INTEGRASI OTOMATISASI SALES ORDER," *JATI J. Mhs. Tek. Inform.*, vol. 9, no. 3, pp. 5141–5148, 2025, doi: 10.36040/jati.v9i3.13614.

[9] N. Y. Anggraini and S. Susanto, "Perancangan dan Implementasi Sistem Pengelolaan Order Barang Berbasis Web dengan Laravel," *J. Teknol. Inf. Dan Multimed.*, vol. 8, no. 1, pp. 41–49, Jan. 2026, doi: 10.35746/jtim.v8i1.890.

[10] T. Fatmawati, R. Kramanandita, and R. Miza, "Rancangan Implementasi Enterprise Resource Planning (ERP) pada Sistem Pengelolaan Sales Order PT Jaya Mandiri Indotech," *J. Teknol. Dan Manaj.*, vol. 20, no. 1, pp. 33–44, Feb. 2022, doi: 10.52330/jtm.v20i1.49.

[11] Windy and E. Liu, "Analisis dan Perancangan Sistem Informasi Persediaan Barang Toko Lingga Dengan Metode Waterfall," *J. Digit. Ecosyst. Nat. Sustain.*, vol. 1, no. 2, pp. 29–35, Dec. 2021, doi: 10.63643/jodens.v1i2.30.

[12] M. Sudarma, S. Ariyani, and P. A. Wicaksana, "I*mplementation of the Rational Unified Process (RUP) Model in Design Planning of Sales Order Management System*," *INTENSIF J. Ilm. Penelit. Dan Penerapan Teknol. Sist. Inf.*, vol. 5, no. 2, pp. 249–265, Aug. 2021, doi: 10.29407/intensif.v5i2.15543.

[13] R. Andarsyah and I. Rizkiansyah, "APLIKASI APPROVAL *MANAGEMENT SYSTEM DOCUMENT PURCHASING* PADA OFFICE 365 MENGGUNAKAN METODE *AGILE SOFTWARE DEV*," *J. Tek. Inform.*, vol. 13, no. 2, pp. 31–37, 2021.

[14] R. Borad, S. Mathur, and S. Rohilla, "*Sales Order Management System with Multilevel Approval Using Salesforce*," *Int. J. Sci. Dev. Res. IJSDR*, vol. 8, no. 12, pp. 1–5, 2023.

[15] A. Setiawan and Y. Yamasari, "Evaluasi Performa Website Sistem Informasi Kesejahteraan Sosial (SIKS-NG) Di Kelurahan Lembeyan Kulon

UNIVERSITAS
GADJAH MADA
RANCANG BANGUN SISTEM INFORMASI SALES ORDER SERVICE PART BERBASIS WEB DENGAN APPROVAL BERJENJANG
DIGITAL DI PT HMMI
Prasetyo Edi Pamungkas, Dinar Nugroho Pratomo, S.Kom., M.IM., M.Cs.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Kabupaten Magetan Dengan Google Lighthouse," *JINACS J. Inform. Comput. Sci.*, vol. 07, no. 1, pp. 218–227, 2025.

[16] Arlinta Christy Barus, Johannes Harungguan, and Efren Manulu, "PENGUJIAN API WEBSITE UNTUK PERBAIKAN PERFORMANSI APLIKASI DITENUN," *J. Appl. Technol. Inform. Indones.*, vol. 1, no. 2, pp. 14–21, Feb. 2022, doi: 10.54074/jati.v1i2.33.

[17] Aldi Ramadani, "Sistem Informasi Cuti Kepegawaian pada Rumah Sakit Umum Daerah Kabupaten Batu Bara," *Modem J. Inform. Dan Sains Teknol.*, vol. 3, no. 1, pp. 67–75, Jan. 2025, doi: 10.62951/modem.v3i1.350.

[18] O. Putri, "DEMAND FORECASTING PADA MANAJEMEN PERSEDIAAN SUKU CADANG : A SYSTEMATIC LITERATURE REVIEW," *J. Tek. SILITEK*, vol. 3, pp. 84–90, 2023.

[19] S. S. S. Valiveti, "*A Review of Artificial Intelligence (AI)-Powered Web Applications Using ASP.NET Core and Cognitive Services*," in *2025 International Conference on Electronics and Computing, Communication Networking Automation Technologies (ICEC2NT)*, Pune, India: IEEE, Sep. 2025, pp. 1–7. doi: 10.1109/ICEC2NT65402.2025.11380000.

[20] R. Akbar and M. A. Azis, "Implementasi Model View Controller Untuk Proses Pencatatan dan Monitoring Pelanggaran Siswa Pada SMK Satria," *J. Komput. Antartika*, vol. 2, no. 1, pp. 1–8, Feb. 2024, doi: 10.70052/jka.v2i1.54.

[21] DevExpress, "*DevExtreme JavaScript UI Components*," DevExtreme Official Website. Accessed: Apr. 02, 2026. [Online]. Available: https://js.devexpress.com

[22] Bootstrap Team, "*Bootstrap Documentation–Introduction*," Bootstrap. Accessed: Apr. 02, 2026. [Online]. Available: https://getbootstrap.com

[23] A. Z. Ibna and M. I. P. Nasution, "IMPLIKASI PENGGUNAAN BASIS DATA DALAM ERA BIG DATA," *ISSN*, vol. 2, no. 4, pp. 255–265, 2024, doi: 10.61722/jssr.v2i4.1995.

UNIVERSITAS
GADJAH MADA
RANCANG BANGUN SISTEM INFORMASI SALES ORDER SERVICE PART BERBASIS WEB DENGAN APPROVAL BERJENJANG DIGITAL DI PT HMMI
Prasetyo Edi Pamungkas, Dinar Nugroho Pratomo, S.Kom., M.IM., M.Cs.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

[24] S. Sagi, "*Microsoft SQL Server in the Modern Enterprise: An In-Depth Analysis of Architecture and Scalability*," *J. Sci. Eng. Res.*, vol. 10, no. 7, pp. 104–109, 2023.

[25] P. D. Chauhan and A. M. Shah, "*Effectiveness of Anti-Spoofing Protocols for Email Authentication*," presented at the 2023 3rd International Conference on Intelligent Communication and Computational Techniques (ICCT), Jaipur, India: IEEE, 2023, pp. 1–5. doi: 10.1109/ICCT56969.2023.10076098.

[26] B. Adyaksa, Falahah, and A. F. Santoso, "Evaluasi Kualitas Sistem Informasi Menggunakan Iso/Iec 25010 Studi Kasus Aplikasi Transkrip Aktifitas Kemahasiswaan," *E-Proceeding Eng.*, vol. 12, no. 1, pp. 1352–1358, 2025.

[27] I. Compagnucci, F. Corradini, F. Fornari, and B. Re, "*A Study on the Usage of the BPMN Notation for Designing Process Collaboration, Choreography, and Conversation Models*," *Bus. Inf. Syst. Eng.*, vol. 66, no. 1, pp. 43–66, Feb. 2024, doi: 10.1007/s12599-023-00818-7.

[28] Z. Widodo, N. Harahap, N. Sitompul, and I. Purnama, "Perancangan UML Untuk Sistem Informasi Manajemen Pendidikan SD Pada Kabupaten Labuhanbatu Selatan," *Pros. Semin. Nas. Inov. Dan Ris. Multidisiplin SINERGI*, vol. 1, pp. 378–387, 2026.

[29] K. Afifah, Z. F. Azzahra, and A. D. Anggoro, "Analisis Teknik Entity-Relationship Diagram dalam Perancangan Database: Sebuah Literature Review," *Inform. DAN Teknol. INTECH*, vol. 3, pp. 18–22, 2022.

[30] I. Puja, P. Poscic, and D. Jaksic, "*Overview and Comparison of Several Relational Database Modelling Metodologies and Notations*," in *2019 42nd International Convention on Information and Communication Technology, Electronics and Microelectronics (MIPRO)*, Opatija, Croatia: IEEE, May 2019, pp. 1641–1646. doi: 10.23919/MIPRO.2019.8756667.

[31] A. Prambayun, M. A. Triawan, and F. Humam, "ANALISIS PERFORMA WEBSITE KARYA USAHA MENGGUNAKAN GOOGLE

UNIVERSITAS
GADJAH MADA
RANCANG BANGUN SISTEM INFORMASI SALES ORDER SERVICE PART BERBASIS WEB DENGAN APPROVAL BERJENJANG DIGITAL DI PT HMMI
Prasetyo Edi Pamungkas, Dinar Nugroho Pratomo, S.Kom., M.IM., M.Cs.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

LIGHTHOUSE DAN GTMETRIX," *J. Ilmu Komput. JIK*, vol. 10, pp. 48–53, 2025.

[32] Google Chrome Developers, "*Lighthouse Performance Scoring*," Chrome for Developers. Accessed: Jun. 02, 2026. [Online]. Available: https://developer.chrome.com/docs/lighthouse/performance/performance-scoring

[33] Google Chrome Developers, "*Lighthouse Scoring Calculator*," Chrome for Developers. Accessed: Jun. 10, 2026. [Online]. Available: https://googlechrome.github.io/lighthouse/scorecalc/#FCP=170&SI=170&FMP=4000&TTI=7300&FCI=6500&LCP=160&TBT=130&CLS=0&device=desktop&version=10

[34] M. Nurfathullah and I. Purnamasari, "PENGUJIAN BLACKBOX PADA SISTEM PEMESANAN UNTUK SALES ORDER DI PT BUKIT MURIA JAYA BERBASIS EQUIVALENCE PARTITIONS," *J. Inform. Dan Tek. Elektro Terap.*, vol. 12, no. 2, Apr. 2024, doi: 10.23960/jitet.v12i2.4174.

[35] I. Wahyudi and F. Alameka, "ANALISIS BLACKBOX TESTING DAN USER ACCEPTANCE TESTING TERHADAP SISTEM INFORMASI SOLUSIMEDSOSKU," *J. Teknosains Kodepena*, vol. 04, no. 01, 2023.

[36] T. Heričko, B. Šumak, and S. Brdnik, "Towards Representative Web Performance Measurements with Google Lighthouse," in *Proceedings of the 2021 7th Student Computer Science Research Conference (StuCoSReC)*, University of Maribor Press, Sep. 2021, pp. 39–42. doi: 10.18690/978-961-286-516-0.9.

[37] N. Cahyono and Kamarudin, "Perbandingan Gtmetrix, Lighthouse, Pingdom dan Pagespeed Insight dalam evaluasi Performa Website," *J. Ilm. MEDIA SISFO*, vol. 18, no. 2, pp. 201–210, 2024, doi: https://doi.org/10.33998/mediasisfo.2024.18.2.1901.

[38] Google Chrome Developers, "*First Contentful Paint*," Chrome for Developers. Accessed: Jun. 23, 2026. [Online]. Available: https://developer.chrome.com/docs/lighthouse/performance/first-contentful-paint

UNIVERSITAS
GADJAH MADA
RANCANG BANGUN SISTEM INFORMASI SALES ORDER SERVICE PART BERBASIS WEB DENGAN APPROVAL BERJENJANG DIGITAL DI PT HMMI
Prasetyo Edi Pamungkas, Dinar Nugroho Pratomo, S.Kom., M.IM., M.Cs.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

[39] Google Chrome Developers, "*Largest Contentful Paint,*" Chrome for Developers. Accessed: Jun. 23, 2026. [Online]. Available: https://developer.chrome.com/docs/lighthouse/performance/lighthouse-largest-contentful-paint

[40] Google Chrome Developers, "*Speed Index*," Chrome for Developers. Accessed: Jun. 23, 2026. [Online]. Available: https://developer.chrome.com/docs/lighthouse/performance/speed-index

[41] Google Chrome Developers, "*Total Blocking Time,*" Chrome for Developers. Accessed: Jun. 23, 2026. [Online]. Available: https://developer.chrome.com/docs/lighthouse/performance/lighthouse-total-blocking-time

[42] M. Mihajlija and P. Walton, "*Cumulative Layout Shift* (CLS)," web.dev. Accessed: Jun. 26, 2023. [Online]. Available: https://web.dev/articles/cls

[43] A. R. Annisa, M. Ardiana, P. N. Rahayu, T. Brian, and M. A. Jami'in, "*Performance Evaluation of Web Applications Using JMeter Load Testing for Server Capacity and Response Efficiency*," *J. Appl. Inform. Comput. JAIC*, vol. 10, no. 1, pp. 585–590, 2026.

[44] Developer Express Inc., "JavaScript/jQuery DataGrid - *Enhance Performance on Large Datasets*," DevExtreme Documentation. Accessed: Jun. 23, 2026. [Online]. Available: https://js.devexpress.com/jQuery/Documentation/Guide/UI_Components/DataGrid/Enhance_Performance_on_Large_Datasets/