DAFTAR PUSTAKA

Adhitia, S., Nurdin, N., & Rajab, R. (2025). Tantangan Implementasi Kebijakan ETLE (Electronic Traffic Law Enforcement) pada Korps Lalu Lintas Republik Indonesia. *Journal of Public Policy and Applied Administration*, 27–56. https://doi.org/10.32834/jplan.v7i1.871

Alshamrani, A., & Bahattab, A. (2015). A Comparison Between Three SDLC Models Waterfall Model, Spiral Model, and Incremental/Iterative Model. *International Journal of Computer Science*, *12*(1), 106–111.

Amlani, R. D. (2013). Comparison of Different SDLC Models. *International Journal of Computer Applications & Information Technology*, *2*(1).

Arnob, F. A., Fuad, A., Nizam, A. T., Barua, S., Choudhury, A. A., & Islam, M. (2020). An Intelligent Traffic System for Detecting Lane Based Rule Violation. *2019 International Conference on Advances in the Emerging Computing Technologies (AECT)*, 1–6. https://doi.org/10.1109/AECT47998.2020.9194163

Ateeq, S., & Shuaib, M. (2014). Comparison of Various SDLC Models. *Global Journal of Multidisciplinary Studies*, *3*(11), 176–181.

Azhar, S. A., Defriani, M., & Hermanto, T. I. (2023). UI/UX Analysis of Project Management Information System (PMIS) Website Using User-Centered Design Method. *SinkrOn*, *8*(3), 1798–1810. https://doi.org/10.33395/sinkron.v8i3.12725

Bangor, A. (2009). Determining What Individual SUS Scores Mean: Adding an Adjective Rating Scale. *Journal of Usability Studies*, *4*(3), 114–123.

Bhisikar, R., Aswale, R., Nayak, N., Gawali, N., & Pande, A. (2020). Integrated E-Challan for Traffic System Using QR-Code. *International Journal of Advances in Engineering and Management*, *2*(8), 128–130. https://doi.org/10.35629/5252-0208128130

Bleecker, I. D., & Okoroji, R. (2018). *Remote Usability Testing: Actionable insights in user behavior across geographies and time zones*. Packt Publishing Ltd.

Boduch, A. (2017). *React and React Native*. Packt Publishing Ltd.

Boehm, B. W. (1988). A spiral model of software development and enhancement. *Computer*, *21*(5), 61–72. https://doi.org/10.1109/2.59

BPS. (2024, Februari 29). *Perkembangan Jumlah Kendaraan Bermotor Menurut Jenis—Tabel Statistik*. https://www.bps.go.id/id/statistics-table/2/NTcjMg==/perkembangan-jumlah-kendaraan-bermotor-menurut-jenis--unit-.html

Brooke, J. (2013). SUS: A Retrospective. *Journal of Usability Studies*, *8*(2), 29–40.

Chairat, A., Dailey, M. N., Limsoonthrakul, S., Ekpanyapong, M., & Raj K.C., D. (2020). Low Cost, High Performance Automatic Motorcycle Helmet Violation Detection. *2020 IEEE Winter Conference on Applications of Computer Vision (WACV)*, 3549–3557. https://doi.org/10.1109/WACV45572.2020.9093538

Chandra, Y. I. (2023). Penerapan Model Iterative Incremental Dalam Membangun Aplikasi E-Commerce Di Toko Kopi Rarukuh Luas Berbasis Web Mobile. *Seminar Nasional Teknologi Informasi dan Komunikasi STI&K*, *7*, 179–190.

Farhan, H. R., Ali, A. Q. A., Kod, M. S., & Singh, K. R. (2024). An Efficient System for Detecting Multiple Traffic Violations and Recognizing License Plates Using Video Processing and Deep Learning. *International Journal of Electrical and Electronic Engineering & Telecommunications*, *13*(5), 406–414. https://doi.org/10.18178/ijeetc.13.5.406-414

Flanagan, D. (2011). *JavaScript: The Definitive Guide*. O'Reilly Media, Inc.

Frain, B. (2022). *Responsive Web Design with HTML5 and CSS: Build Future-Proof Responsive Websites Using the Latest HTML5 and CSS Techniques*. Packt Publishing.

Gao, Z., Bird, C., & Barr, E. T. (2017). To Type or Not to Type: Quantifying Detectable Bugs in JavaScript. *2017 IEEE/ACM 39th International Conference on Software Engineering (ICSE)*, 758–769. https://doi.org/10.1109/ICSE.2017.75

Garrett, J. J. (2010). *The Elements of User Experience: User-Centered Design for the Web and Beyond*. Pearson Education.

Global Status Report on Road Safety 2023 (1st ed). (2023). World Health Organization.

Henriyadi, H., & Mulyati, R. (2016). Usability Testing Sistem Informasi: Studi Kasus Pada Aplikasi Repositori Publikasi Badan Penelitian Dan Pengembangan Pertanian. *Jurnal Perpustakaan Pertanian*, *23*(2), 54. https://doi.org/10.21082/jpp.v23n2.2014.p54-63

Hibban, N., Albaihaqi, R., Rifai, D. B., & Aiman, H. (2023). Evaluasi Usability Aplikasi Zenly Menggunakan Metode Usability Testing. *Jurnal SAINTEKOM*, *13*(2), 136–148. https://doi.org/10.33020/saintekom.v13i2.399

Kendall, K. E., & Kendall, J. E. (2020). *Systems Analysis and Design*. Pearson Education.

Kiran Kumar, M., Sanjana, C., Shireen, F., Harichandana, D., Sharma, M., & Manasa, M. (2023). Automatic Number Plate Detection for Motorcyclists Riding Without Helmet. *E3S Web of Conferences*, *430*, 01038. https://doi.org/10.1051/e3sconf/202343001038

Laudon, K. C., & Laudon, J. P. (2020). *Management Information Systems: Managing the Digital Firm*. Pearson.

Leloudas, P. (2023). *Introduction to Software Testing: A Practical Guide to Testing, Design, Automation, and Execution*. Apress. https://doi.org/10.1007/978-1-4842-9514-4

Lewis, J. R. (2012). *Handbook of Human Factors and Ergonomics—Usabilty Testing*. John Wiley & Sons.

Meyer, E. A. (2006). *CSS: The Definitive Guide: The Definitive Guide*. O'Reilly Media, Inc.

Minnick, C. (2022). *Beginning ReactJS Foundations Building User Interfaces with ReactJS: An Approachable Guide*. John Wiley & Sons.

Nicoara, R. (2023). The Frontend. Dalam R. Nicoara (Ed.), *How to be a Web Developer: A Complete Beginner's Guide on What to Know and Where to Start* (hlm. 93–121). Apress. https://doi.org/10.1007/978-1-4842-9663-9_6

Nielsen, J. (2006a, Juni 25). *Quantitative Studies: How Many Users to Test?* Nielsen Norman Group. https://www.nngroup.com/articles/quantitative-studies-how-many-users/

Nielsen, J. (2006b, Juni 25). *Why You Only Need to Test with 5 Users*. Nielsen Norman Group. https://www.nngroup.com/articles/why-you-only-need-to-test-with-5-users/

Norman, D. (2013). *The Design of Everyday Things: Revised and Expanded Edition*. Hachette UK.

O'Brien, J. A., & Marakas, G. M. (2011). *Management Information Systems*. McGraw-Hill Irwin. http://archive.org/details/isbn_9780077522179

Patil, A. D., Kewate, N. D., Raut, A. A., Dubekar, M. B., & Raut, Y. S. (2022). Automatic E-Challan Generation on the Violation of RTO Helmet Rules. *International Journal for Research Trends and Innovation*, *7*(6), 1755–1762. http://doi.one/10.1729/Journal.30804

Pilone, D., & Pitman, N. (2005). *UML 2.0 in a Nutshell*. O'Reilly Media, Inc.

Pranshu, A., Ijju, S. K., & Swarnalatha, P. (2020). E-Challan: Online Traffic Rules Violation Penalty and Management System. *International Journal of Computer Applications*, *176*(37), 6–10. https://doi.org/10.5120/ijca2020920453

Pressman, R. S., & Maxim, B. (2014). *Software Engineering: A Practitioner's Approach*. McGraw-Hill Education.

Pubudu, N., Thishan, J., Pashan, R., & Sithra, R. (2021). i-finepay: Platform Independent on the Spot Traffic Payment Solution. *International Journal of Computer Applications*, *183*(33), 31–37. https://doi.org/10.5120/ijca2021921720

Rahmat, A. F., & Pribadi, U. (2021). Delivering Artificial Intelligence for Electronic Traffic Law Enforcement in Yogyakarta Region: Current Effort and Future Challenges. *IOP Conference Series: Earth and Environmental Science*, *717*(1), 012016. https://doi.org/10.1088/1755-1315/717/1/012016

Rizki, A., Harisah, D., Aziz, M. F. A., & Rahayu, P. (2022). Sistem Informasi Manajemen Operasi Lalu Lintas dengan Metode Extreme Programming. *Jurnal Sistem Informasi*, *11*, 12023. http://dx.doi.org/10.32520/stmsi.v11i1.1452

Rohan, Yadav, M., Siddharth, & Bairwa, B. (2023). Smart Traffic Fines Management System Using GSM Module. *2023 IEEE Renewable Energy and Sustainable E-Mobility Conference (RESEM)*, 1–6. https://doi.org/10.1109/RESEM57584.2023.10236369

Salim, A. & Jumadi. (2025). Efektivitas Pelaksanaan Penggunaan Elektronik Traffic Law Enforcement (ETLE) Berdasarkan Undang-Undang Nomor 22 Tahun 2009 Tentang Lalu Lintas Dan Angkutan Jalan Terhadap Pelanggar Lalu Lintas. *Jurnal Ilmu Hukum, Sosial, dan Humaniora*, *3*(1), 332–344.

Samuel, S., Reghunadh, S., Ashwin, M. K., Sabu, S., Nair, S. S., & Rachel Varghese, R. (2020). An Intelligent Traffic Monitoring System for Non-Helmet Wearing Motorcyclists Detection. *2020 International Conference on Data Analytics for Business and Industry: Way Towards a Sustainable Economy (ICDABI)*, 1–5. https://doi.org/10.1109/ICDABI51230.2020.9325632

Sauro, J., & Lewis, J. R. (2016). *Quantifying the User Experience: Practical Statistics for User Research*. Morgan Kaufmann.

Setiana, E., Budiman, B., Rakhman A, R. Y., & Ramadhan, M. R. (2024). Analisis Perancangan Sistem Pakar Pola Latihan Untuk Mencapai Body Goals Menggunakan UML. *INTERNAL (Information System Journal)*, *6*(2), 115–126. https://doi.org/10.32627/internal.v6i2.853

Stack Overflow. (2024). *Stack Overflow Developer Survey 2024*. Stack Overflow. https://survey.stackoverflow.co/2024/technology#most-popular-technologies-tools-tech

Sutrisna, T., & Kuwado, F. J. (2022, Desember 11). *Kelemahan E-TLE, dari Belum Bisa Ciduk Pengendara Tak Pakai Helm hingga Salah Tilang* [News]. Kompas.com. https://megapolitan.kompas.com/read/2022/11/12/12001381/kelemahan-e-tle-dari-belum-bisa-ciduk-pengendara-tak-pakai-helm-hingga?page=all

Tidwell, J. (2010). *Designing Interfaces: Patterns for Effective Interaction Design*. O'Reilly Media, Inc.

Tonge, A., Chandak, S., Khiste, R., Khan, U., & Bewoor, L. A. (2020). Traffic Rules Violation Detection using Deep Learning. *2020 4th International*

Conference on Electronics, Communication and Aerospace Technology (ICECA), 1250–1257. https://doi.org/10.1109/ICECA49313.2020.9297495

Undang-Undang Nomor 22 Tahun 2009 tentang Lalu Lintas Dan Angkutan Jalan, Pub. L. No. Lembaran Negara Republik Indonesia Tahun 2009 Nomor 96 (2009). http://peraturan.bpk.go.id/Details/38654/uu-no-22-tahun-2009

Uzayr, S. bin. (2022). *Frontend Development: The Ultimate Guide*. CRC Press. https://doi.org/10.1201/9781003309062

Zwass. (2025, Mei 22). *Information system—Software, Database, Network | Britannica*. https://www.britannica.com/topic/information-system/Computer-software