

DAFTAR PUSTAKA

- [1] S. ST. , M. S. Abid Zahidi and S. Stat. , M. Si. Hesti Wulandari, “Statistik Transportasi Darat 2022,” Nov. 2023.
- [2] “PT Jasa Marga Persero Tbk.” Accessed: Oct. 15, 2024. [Online]. Available: <https://www.jasamarga.com/media/press-release/62ceef7d-3252-4473-861f-52884a8c7b6f>
- [3] K. Finkenzeller, *RFID Handbook: Fundamentals and Applications in Contactless Smart Cards, Radio Frequency Identification and Near-Field Communication, Third Edition*, 3rd ed. John Wiley & Sons Ltd., 2010.
- [4] Suprayitno Hadi, Permana Waluyo Galuh, and Muljono Slamet, “MENUJU PEMBAYARAN TOL TANPA HENTI SECARA MULTILAJUR,” Jan. 2020.
- [5] A. Maulana and D. Prasetyanto, “Pengaruh Implementasi Sistem Bayar Tol Tanpa Henti pada Arus Lalu Lintas di Pintu Tol Buah Batu Kota Bandung,” 2023.
- [6] I. D. Ramandanis, I. Politis, and S. Basbas, “Assessing the environmental and economic footprint of electronic toll collection lanes: A simulation study,” *Sustainability (Switzerland)*, vol. 12, no. 22, pp. 1–26, Nov. 2020, doi: 10.3390/su12229578.
- [7] “Evolusi Cara Bayar Tol di RI: Tunai, Pakai E-Toll, Sebentar Lagi Tanpa Setop.” Accessed: Oct. 08, 2024. [Online]. Available: <https://oto.detik.com/berita/d-6371150/evolusi-cara-bayar-tol-di-ri-tunai-pakai-e-toll-sebentar-lagi-tanpa-setop>
- [8] M. Shahrier, A. Hasnat, J. Al-Mahmud, A. S. Huq, S. Ahmed, and M. K. Haque, “Towards intelligent transportation system: A comprehensive review of electronic toll collection systems,” Jun. 01, 2024, *John Wiley and Sons Inc.* doi: 10.1049/itr2.12500.

- [9] Hadi Suprayitno, Galuh Permana Waluyo, and Slamet Muljono, "MENUJU PEMBAYARAN TOL TANPA HENTI SECARA MULTILAJUR," vol. 6, no. 1, pp. 59–72, Jan. 2020, doi: 10.26593/jh.v6i1.3735.59-72.
- [10] P. Kumar and K. B. Ali, "Intelligent Traffic System using Vehicle to Vehicle (V2V) & Vehicle to Infrastructure (V2I) communication based on Wireless Access in Vehicular Environments (WAVE) Std," in *2022 10th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions) (ICRITO)*, IEEE, Oct. 2022, pp. 1–5. doi: 10.1109/ICRITO56286.2022.9964590.
- [11] N. H. Hussein, C. T. Yaw, S. P. Koh, S. K. Tiong, and K. H. Chong, "A Comprehensive Survey on Vehicular Networking: Communications, Applications, Challenges, and Upcoming Research Directions," *IEEE Access*, vol. 10, pp. 86127–86180, 2022, doi: 10.1109/ACCESS.2022.3198656.
- [12] P. Lathiya and J. Wang, "Near-Field Communications (NFC) for Wireless Power Transfer (WPT): An Overview," in *Wireless Power Transfer – Recent Development, Applications and New Perspectives*, IntechOpen, 2021. doi: 10.5772/intechopen.96345.
- [13] S. Kolev, "Designing a NFC system," in *2021 56th International Scientific Conference on Information, Communication and Energy Systems and Technologies (ICEST)*, IEEE, Jun. 2021, pp. 111–113. doi: 10.1109/ICEST52640.2021.9483482.
- [14] P. T. Quarkslab, "MIFARE Classic: exposing the static encrypted nonce variant."
- [15] U. I. Uchenna *et al.*, "Exploring a Secured Socket Python Flask Framework in Real Time Communication System," *Asian Journal of Research in Computer Science*, pp. 77–87, May 2021, doi: 10.9734/ajrcos/2021/v8i130194.

- [16] C. Heinrich, "Transport Layer Security (TLS)," in *Encyclopedia of Cryptography, Security and Privacy*, Berlin, Heidelberg: Springer Berlin Heidelberg, 2024, pp. 1–2. doi: 10.1007/978-3-642-27739-9_234-2.
- [17] E. Dolan and R. Widayanti, "Implementation of Authentication Systems on Hotspot Network Users to Improve Computer Network Security," *International Journal of Cyber and IT Service Management*, vol. 2, no. 1, pp. 88–94, Mar. 2022, doi: 10.34306/ijcitsm.v2i1.93.
- [18] S. Boire *et al.*, "Credential Provisioning and Device Con-figuration with EAP," vol. 10, no. 21, 2021, doi: 10.1145/3479241.
- [19] "PP No. 23 Tahun 2024." Accessed: Nov. 08, 2024. [Online]. Available: <https://peraturan.bpk.go.id/Details/286315/pp-no-23-tahun-2024>
- [20] "Permen PUPR No. 16/PRT/M/2017 Tahun 2017." Accessed: Nov. 08, 2024. [Online]. Available: <https://peraturan.bpk.go.id/Details/104503/permen-pupr-no-16prtm2017-tahun-2017>
- [21] "ISO 21217:2020(en), Intelligent transport systems — Station and communication architecture." Accessed: Dec. 08, 2024. [Online]. Available: <https://www.iso.org/obp/ui/en/#iso:std:iso:21217:ed-3:v1:en>
- [22] Institute of Electrical and Electronics Engineers (IEEE), "IEEE Standard for Information Technology--Telecommunications and Information Exchange between Systems - Local and Metropolitan Area Networks--Specific Requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications," Dec. 2020, doi: 10.1109/IEEESTD.2021.9363693.
- [23] X. Xu, X. Cao, G. Wolffe, and J. Du, "Intelligent Roadside Unit Deployment in Vehicular Network," in *2021 IEEE International Conference on Electro Information Technology (EIT)*, IEEE, May 2021, pp. 178–183. doi: 10.1109/EIT51626.2021.9491873.
- [24] T. N. Hidayat and I. Riadi, "Optimation Wireless Security IEEE 802.1X using the Extensible Authentication Protocol-Protected Extensible

- Authentication Protocol (EAP-PEAP),” *Int J Comput Appl*, vol. 174, no. 11, pp. 25–30, Jan. 2021, doi: 10.5120/ijca2021920988.
- [25] Kilian Zieglowski and Holger Kinkelin, “An Overview on Vehicular Communication Standards,” Apr. 2020, doi: 10.2313/NET-2020-04-1_11.
- [26] M. Shahrier, A. Hasnat, J. Al-Mahmud, A. S. Huq, S. Ahmed, and M. K. Haque, “Towards Intelligent Transportation System: A Comprehensive Review of Electronic Toll Collection Systems,” Jun. 01, 2024, *John Wiley and Sons Inc.* doi: 10.1049/itr2.12500.
- [27] J. M. Sultan, I. A. Osmadi, and Z. Manap, “Real-time Wi-Fi network performance evaluation,” *International Journal of Informatics and Communication Technology (IJ-ICT)*, vol. 11, no. 3, p. 193, Dec. 2022, doi: 10.11591/ijict.v11i3.pp193-205.
- [28] S. Chakkour, “Secure Socket Layer (SSL)/TLS in Transport Layer Security,” 2024. [Online]. Available: <https://www.researchgate.net/publication/391705106>
- [29] D. Upadhyay, N. Gaikwad, M. Zaman, and S. Sampalli, “Investigating the Avalanche Effect of Various Cryptographically Secure Hash Functions and Hash-Based Applications,” *IEEE Access*, vol. 10, pp. 112472–112486, 2022, doi: 10.1109/ACCESS.2022.3215778.
- [30] P. M. Umbarje, “RADIUS BASED AUTHENTICATION Student Project,” 2020.
- [31] “Socket Programming in Python - GeeksforGeeks.” Accessed: Jun. 12, 2025. [Online]. Available: <https://www.geeksforgeeks.org/socket-programming-python/>
- [32] “socket — Low-level networking interface — Python 3.13.5 documentation.” Accessed: Jun. 12, 2025. [Online]. Available: <https://docs.python.org/3/library/socket.html#>
- [33] “How to create a systemd service in Linux.” Accessed: Jun. 12, 2025. [Online]. Available: <https://linuxhandbook.com/create-systemd-services/>

- [34] “Systemd: Service File Examples - ShellHacks.” Accessed: Jun. 12, 2025. [Online]. Available: <https://www.shellhacks.com/systemd-service-file-example/>
- [35] “FreeRADIUS Packages | InkBridge Networks.” Accessed: Jun. 12, 2025. [Online]. Available: <https://packages.inkbridgenetworks.com/#fr32-ubuntu>
- [36] “GitHub - mongodb/mongo: The MongoDB Database.” Accessed: Jun. 12, 2025. [Online]. Available: <https://github.com/mongodb/mongo>