

DAFTAR PUSTAKA

- [1] I. Moumen, N. Rafalia, J. Abouchabaka, dan M. Aoufi, “Real-time GPS Tracking System for IoTEnabled Connected Vehicles,” dalam *E3S Web of Conferences*, EDP Sciences, Agu 2023. doi: 10.1051/e3sconf/202341201095.
- [2] R. N. Cahyani, “RANCANG BANGUN SISTEM PROTEKSI,” Jul 2023.
- [3] S. W. Nengsi, “MONITORING KENDARAAN MENGGUNAKAN LONG RANGE RADIO FREKUENSI BERBASIS WEB,” Agu 2019.
- [4] E. Chinonso, H. Okemiri, dan C. Anikwe, “Vehicle Monitoring System based On IOT, Using 4G/LTE,” *International Journal of Engineering and Management Research*, vol. 11, Agu 2021, doi: 10.31033/ijemr.11.4.2.
- [5] A. Roihan, M. Prasetyo, dan A. Rifa’i, “MONITORING LOCATION TRACKER UNTUK KENDARAAN BERBASIS RASPBERRY Pi,” *Journal CERITA*, vol. 3, hlm. 148–161, Agu 2017, doi: 10.33050/cerita.v3i2.652.
- [6] Abdul Hamid Kurniawan, Erry Yadie, dan Ahmad Arief Ahyani, “Penerapan Komunikasi Dua Arah Menggunakan Teknologi LoRa Pada RC Car,” *PoliGrid*, vol. 4, no. 1, Nov 2023, doi: 10.46964/poligrid.v4i1.22.
- [7] Y. Salim, T. Susila, D. Pono, dan B. Mardjoko, “Sistem Pemantauan Posisi Mobil Dengan Menggunakan Global Position System (GPS) Melalui Radio Transceiver,” Mar 2016.
- [8] A. Sandro dan E. C. D. Ririn, “Implementasi Global Positioning System (GPS) dan Location Based Service (LSB) pada Sistem Informasi Kereta Api untuk Wilayah Jabodetabek,” *JURNAL SISFOTEK GLOBAL*, vol. 7 no.2, Sep 2017.

- [9] A. Bhawiyuga dan W. Yahya, "Sistem Monitoring Kualitas Air Kolam Budidaya Menggunakan Jaringan Sensor Nirkabel Berbasis Protokol LoRa," *Jurnal Teknologi Informasi dan Ilmu Komputer*, vol. 6, no. 1, hlm. 99–106, Jan 2019, doi: 10.25126/jtiik.2019611292.
- [10] L. Alliance, "A technical overview of LoRa® and LoRaWAN®," 2020. [Daring]. Tersedia pada: <https://loro-alliance.org>
- [11] A. Augustin, J. Yi, T. Clausen, dan W. M. Townsley, "A study of Lora: Long range & low power networks for the internet of things," *Sensors (Switzerland)*, vol. 16, no. 9, Sep 2016, doi: 10.3390/s16091466.
- [12] LoRa Alliance, "LoRaWAN™ 1.1 Specification, Version 1.1." Diakses: 26 Mei 2025. [Daring]. Tersedia pada: https://loro-alliance.org/resource_hub/lorawan-specification-v1-1/
- [13] K. K. dan I. R. Indonesia, "Peraturan Menteri Komunikasi dan Informatika Republik Indonesia Nomor 1 Tahun 2019 tentang Penggunaan Spektrum Frekuensi Radio Berdasarkan Izin Kelas," Kementerian Komunikasi dan Informatika, Jakarta, 2019. [Daring]. Tersediapada: <https://peraturan.bpk.go.id/Home/Details/135579/permen-kominfo-no-1-tahun-2019>
- [14] G. Callebaut, G. Leenders, C. Buyle, S. Crul, dan L. Van der Perre, "LoRa physical layer evaluation for point-to-point links and coverage measurements in diverse environments," *arXiv preprint arXiv:1909.08300*, 2019.
- [15] "PENGENALAN GPS (GLOBAL POSITIONING SYSTEM)."
- [16] M. Budiman, Z. Auli, dan D. V. S. Y. Sakti, PERANCANGAN SISTEM PELACAK GPS DAN PENGENDALI KENDARAAN JARAK JAUH BERBASIS ARDUINO. 2020. doi: 10.5281/zenodo.4323233.
- [17] E. Winarno, W. Hadikurniawati, dan R. N. Rosso, "Location based service for presence system using haversine method," dalam *2017 International Conference on Innovative and Creative Information*

Technology (ICITech), 2017, hlm. 1–4. doi: 10.1109/INNOCIT.2017.8319153.

- [18] A. Sofwan, Y. A. A. Soetrisno, N. P. Ramadhani, A. Rahmayani, E. Handoyo, dan M. Arfan, “Vehicle Distance Measurement Tuning using Haversine and Micro-Segmentation,” dalam *2019 International Seminar on Intelligent Technology and Its Applications (ISITIA)*, 2019, hlm. 239–243. doi: 10.1109/ISITIA.2019.8937128.
- [19] R. A. Azdy dan F. Darnis, “Use of Haversine Formula in Finding Distance between Temporary Shelter and Waste End Processing Sites,” dalam *Journal of Physics: Conference Series*, Institute of Physics Publishing, Mei 2020. doi: 10.1088/1742-6596/1500/1/012104.
- [20] S. Alih dan E. Ogala, “Concept of Web Programming, An Overview of PHP Vol. 1,” *Int J Sci Eng Res*, vol. 10, hlm. 1–6, Des 2019.
- [21] C. Deming, P. Reddy Baddam, dan V. Reddy Vadiyala, “Unlocking PHP’s Potential: An All-Inclusive Approach to Server-Side Scripting,” *Engineering International*, vol. 6, no. 2, 2018.
- [22] Y. Singh Parihar dan Y. S. Parihar, “Internet of Things and Nodemcu A review of use of Nodemcu ESP8266 in IoT products,” *JETIR*, 2019. [Daring]. Tersedia pada: www.jetir.org
- [23] H. Yuliandoko, Subono, V. A. Wardhany, S. H. Pramono, dan P. Siwindarto, “Design of flood warning system based IoT and water characteristics,” *Telkomnika (Telecommunication Computing Electronics and Control)*, vol. 16, no. 5, hlm. 2101–2110, Okt 2018, doi: 10.12928/TELKOMNIKA.v16i5.7636.
- [24] M. S. Miah, A. N. Khan, C. Icheln, K. Haneda, dan K.-I. Takizawa, “Antenna System Design for Improved Wireless Capsule Endoscope Links at 433 MHz,” *IEEE Trans Antennas Propag*, vol. 67, no. 4, hlm. 2687–2699, 2019, doi: 10.1109/TAP.2019.2900389.
- [25] G. Callebaut, G. Leenders, C. Buyle, S. Crul, dan L. Van der Perre, “LoRa physical layer evaluation for point-to-point links and coverage

measurements in diverse environments,” *arXiv preprint arXiv:1909.08300*, 2019.