

DAFTAR PUSTAKA

- [1] Desa, A., Abd Kadir, N. B., & Yusoooff, F. (2012). A Study on the Knowledge, Attitudes, Awareness Status and Behaviour Concerning Solid Waste Management. *Procedia - Social and Behavioral Sciences*, 18, 643-648.
- [2] Zhang, H., Wen, Z. G., & Chen, Y. X. (2016). Environment and economic feasibility of municipal solid waste central sorting strategy: a case study in Beijing. *Frontiers of Environmental Science & Engineering*, 10(4), 10.
- [3] Ferronato, N., & Torretta, V. (2019). Waste mismanagement in developing countries: A review of global issues. *International journal of environmental research and public health*, 16(6), 1060.
- [4] Nnaji, C. C. (2015). Status of municipal solid waste generation and disposal in Nigeria. *Management of Environmental Quality: An International Journal*, 26(1), 53-71.
- [5] Zaman, A. U. (2014). Measuring waste management performance using the 'Zero Waste Index': the case of Adelaide, Australia. *Journal of Cleaner Production*, 66, 407-419.
- [6] Zhang, H., Liu, J., Wen, Z. G., & Chen, Y. X. (2017). College students' municipal solid waste source separation behavior and its influential factors: A case study in Beijing, China. *Journal of Cleaner Production*, 164, 444-454.
- [7] Neves, A., Godina, R., Azevedo, S. G., & Matias, J. C. (2020). A comprehensive review of industrial symbiosis. *Journal of Cleaner Production*, 247, 119113.
- [8] Y. Widiastiwi, C. A. Satria, , “The Effectiveness of Utilizing IoT-Based Smart Trash,” *International Conference on Informatics, Multimedia, Cyber and Information System (ICIMCIS)* pp. 290–295, 2021.
- [9] Sukarjadi, D. T. Setiawan, Arifiyanto, & M. Hatta, “Perancangan dan pembuatan Smart Trash Bin berbasis Arduino Uno di Universitas Maarif Hasyim Latif”, *Jurnal Teknik Universitas Maarif Hasyim Latif*, Vol. 1, No. 2, pp. 101-110, 2017.

- [10] D. Kurniawan, F. D. Yuliana, dan D. P. Aji, "Sistem Tempat Sampah Pintar Menggunakan Arduino Berbasis IoT," *Jurnal Teknologi dan Sistem Informasi (JITSI)*, vol. 1, no. 2, pp. 55–61, 2022.
- [11] M. Ismail, H. S. Martam, dan S. A. Djafar, "Smart Trash Can dengan Sistem Monitoring Berbasis Internet of Things," *Jurnal JEEE (Journal of Electrical, Electronics, and Engineering)*, vol. 6, no. 2, pp. 15–22, 2021.
- [12] H. Arifin dan R. R. Wibowo, "Penerapan Internet of Things pada Sistem Monitoring Tempat Sampah," *Jurnal DigiTech*, vol. 5, no. 3, pp. 145–152, 2022.
- [13] Cloud Computing Indonesia, "IoT untuk Pengelolaan Sampah: Sensor Ultrasonik dalam Tempat Sampah Pintar," *CloudComputing.id*.
- [14] R. Ananda et al., "Design and Implementation of Smart Waste Bin Using Ultrasonic Sensor and NodeMCU," *E3S Web of Conferences*, vol. 445, 2024.
- [15] U. M. Khan et al., "Smart Waste Management System Using IoT and Sensor Technology," *PMC – National Center for Biotechnology Information*, 2024.
- [16] A. Al Huda et al., "A Smart Bin with Real-Time Monitoring and Garbage Level Tracking Using IoT," *ResearchGate*, 2024.
- [17] M. M. Rahman et al., "IoT-Based Smart Waste Management System (SWIMS)," *ResearchGate*, 2024.
- [18] I. R. P. Kurniawan dan M. H. R. Tahir, "Pengembangan Sistem Tempat Sampah Pintar dengan Notifikasi Penuh Menggunakan NodeMCU," *Politeknik Negeri Ujung Pandang Repository*, 2023.
- [19] M. H. Handaka dan R. H. Aryawan, "Smart Waste Monitoring Berbasis IoT dengan Sensor Gas MQ135," *Jurnal Elektro dan Telekomunikasi Terapan*, vol. 9, no. 1, pp. 12–19, 2023.
- [20] I. K. D. Cahyadi, "Rancang Bangun Sistem Monitoring Tempat Sampah Berbasis Mikrokontroler Menggunakan NodeMCU," *Repository Universitas Wicida*, 2022.

- [21] R. K. Sahu et al., "GPS Based Real-Time Waste Monitoring System using IoT and LoRaWAN," *Engineering, Technology & Applied Science Research (ETASR)*, vol. 14, no. 2, pp. 10004–10010, 2024.
- [22] N. A. Hidayati, "Rancang Bangun Tempat Sampah Otomatis Menggunakan Sensor Ultrasonik dan Servo Motor," *Politeknik Harapan Bersama Tegal*, 2022.
- [23] I. R. P. Kurniawan dan M. H. R. Tahir, "Pengembangan Sistem Tempat Sampah Pintar dengan Notifikasi Penuh Menggunakan NodeMCU," *Repository Politeknik Negeri Ujung Pandang*, 2023.
- [24] [1] PostgreSQL Global Development Group, "PostgreSQL Documentation," <https://www.postgresql.org/docs/>
- [25] K. Sivapriya, N. Mohanapriya, and Sneha P., "Waste Management by Smart Bin and App System using IOT," *International Journal of Engineering Research and Technology (IJERT)*, vol. 13, no. 10, pp. 1-8, Oct. 2024.
- [26] A. Rahman et al., "Smart Garbage Monitoring System Using Internet of Things (IOT)," *Instructables*, Aug. 2017. <https://www.instructables.com/Smart-Garbage-Monitoring-System-Using-Internet-of-/>
- [27] Milesight, "Smart Waste Management Solutions with IoT Sensors," *Milesight Technology*, Sep. 2022. [Online]. Available: <https://www.milesight.com/solution/waste-management>
- [28] Star Systems, "Smart Bin Monitoring System with IoT," *Star Systems*, Dec. 2024. <https://starsystems.in/smartbin-iot-solutions/>
- [29] C. Chaubey and A. Sharma, "The Integrated Development Environment (IDE) for Application Development: Android Studio and Its Tools," *AIP Conference Proceedings*, vol. 2427, no. 1, pp. 020087, 2023.
- [30] J. Harty, H. Zhang, L. Wei, L. Pascarella, M. Aniche, and W. Shang, "Logging Practices with Mobile Analytics: An Empirical Study on Firebase," *arXiv preprint arXiv:2104.02513*, 2021.

- [31] J. Luo, B. Zhou, Y. Zheng, dan W. Pan, "Research on high performance web service construction method based on JavaScript asynchronous programming technique," *Applied Mathematics and Nonlinear Sciences*, vol. 9, no. 1, pp. 1–16, 2024.
- [32] H. M. Kabamba, M. Khouzam, dan M. Dagenais, "Vnode: Low-overhead Transparent Tracing of Node.js-based Microservice Architectures," *Future Internet*, vol. 16, no. 1, art. 13, 2023.
- [33] A. Parveen and A. Tiwari, "A comparative study of Node.js frameworks: Express.js, Sails.js, and Koa.js," 2019 9th International Conference on Cloud Computing, Data Science & Engineering (Confluence), Noida, India, 2019, pp. 522-527, doi: 10.1109/CONFLUENCE.2019.8776949