

DAFTAR PUSTAKA

- [1] A. Zanella, N. Bui, A. Castellani, L. Vangelista, and M. Zorzi, "Internet of Things for smart cities," *IEEE Internet of Things Journal*, vol. 1, no. 1, pp. 22–32, Feb. 2014, doi: 10.1109/JIOT.2014.2306328.
- [2] A. Al-Fuqaha, M. Guizani, M. Mohammadi, M. Aledhari, and M. Ayyash, "Internet of Things: A Survey on Enabling Technologies, Protocols, and Applications," *IEEE Communications Surveys & Tutorials*, vol. 17, no. 4, pp. 2347–2376, 2015. doi: 10.1109/COMST.2015.2444095.
- [3] J. Barbosa, P. Leitão, E. Adam, and D. Trentesaux, "Automation and intelligent systems applied to quality control: A review," *Information*, vol. 10, no. 11, p. 374, 2019.
- [4] Y. Prasetya, D. R. Maulana, and S. Wahyuni, "Automatic goods retrieval system based on RFID and Wi-Fi communication for warehouse management," *Journal of Automation and Smart Systems*, vol. 5, no. 2, pp. 45–52, 2020.
- [5] Mukhsalmina, "Penerapan QR Code untuk Perekaman Pemeliharaan Peralatan di Laboratorium," *Berkala Penelitian Teknologi Kulit, Sepatu, dan Produk Kulit Politeknik ATK Yogyakarta*, vol. 21, no. 1, 2022.
- [6] S. Aminah, A. Irawan, and D. Prasetyo, "Digitalisasi inventaris laboratorium berbasis Android dengan QR Code," *JTERA (Jurnal Teknologi Rekayasa)*, vol. 8, no. 1, pp. 12–19, 2023.
- [7] A. Maltoni, D. Maio, A. K. Jain, and S. Prabhakar, *Handbook of Fingerprint Recognition*, 2nd ed. London, U.K.: Springer, 2009.
- [8] A. K. Jain, P. Flynn, and A. Ross, *Handbook of Biometrics*. New York, NY, USA: Springer, 2008.
- [9] S. Few, *Information Dashboard Design*. 2nd ed. Burlingame: Analytics Press, 2013.
- [10] Mischianti, "ESP32 Dev Kit v1 Pinout," *Mischianti.org*, 2020. [Online]. Available: <https://www.mischianti.org/>
- [11] S. Parningotan, "Pengembangan Teknologi Smart Warehouse Pada Sistem Manajemen Gudang Berbasis Internet of Thing (IoT) Menggunakan Mikrokontroler," Tesis, Magister Teknik Mesin, Manajemen dan Rekayasa Sistem Manufaktur, Universitas Gunadarma, 2020
- [12] D. Yulianto, A. R. S. Rukmana, and F. R. Saputra, "Perancangan dan Implementasi Alat Monitoring Suhu Ruangan Berbasis IoT dengan Sensor DHT22 dan LCD 16x2," *Jurnal Teknologi dan Sistem Tertanam*, vol. 2, no. 1, pp. 23–30, 2021.

- [13] R. L. Boylestad and L. Nashelsky, *Electronic Devices and Circuit Theory*, 11th ed. New Jersey: Pearson Education, 2013.
- [14] D. W. P. R. Yulianto, A. S. Hidayat, and A. Triyanto, "Rancang Bangun Sistem Peringatan Kebakaran Menggunakan Sensor Asap MQ-2, Sensor Suhu DHT11, dan Buzzer Berbasis Arduino Uno," *Prosiding Seminar Nasional Inovasi Teknologi*, 2021.
- [15] D. Yulianto, A. Kurniawan, and R. Saputra, "Rancang Bangun Sistem Monitoring Suhu Menggunakan LCD 16x2 dan Arduino Uno," *Jurnal Teknologi Elektro*, vol. 12, no. 2, pp. 45–52, 2021.
- [16] A. N. F. Hafid, M. I. Syarif, and M. Arfan, "Sistem informasi laboratorium berbasis website dengan QR Code," *MediaTIK: Jurnal Ilmu Komputer dan Teknologi Informasi*, vol. 3, no. 2, pp. 66–71, 2020.
- [17] S. Aminah, A. Irawan, and D. Prasetyo, "Desain dan implementasi aplikasi inventaris berbasis Android dan QR Code (Studi kasus: Laboratorium POLMAN Bandung)," *UNEX: Jurnal Inovasi, Teknologi dan Rekayasa*, vol. 1, no. 1, pp. 1–7, 2022.
- [18] Ghazali, "Rancang Bangun Prototipe Akses Pintu Laboratorium Menggunakan Sidik Jari dan Monitoring melalui Smartphone Berbasis Arduino," Skripsi, UIN Sunan Gunung Djati Bandung, 2019.
- [19] Yelvita, "Monitoring Peralatan Berbasis QR Code pada Pembelajaran di Laboratorium," *Pandega: Jurnal Penelitian dan Pengabdian Masyarakat*, vol. 5, no. 2, 2023.
- [20] D. Ardianto, "Pemanfaatan QR-Code untuk Inventarisasi Peralatan di SMKN Ihyat' Ulumudin Singojuruh Kabupaten Banyuwangi," *Jurnal Pengabdian Masyarakat Mandiri*, vol. 2, no. 1, 2020.
- [21] M. E. Wijayanto, "Aplikasi Sistem Informasi Monitoring Alat Laboratorium Berbasis Web," *Jurnal Ilmu Komputer*, vol. 9, no. 2, pp. 123–130, 2024.
- [22] S. Sepriadi and D. Akhriani, "Pemanfaatan logbook QR Code berbasis Google Form sebagai alat pencatatan penggunaan alat laboratorium di masa pandemi," *Jurnal Integrated Laboratory*, vol. 1, no. 2, pp. 97–104, 2022.
- [23] R. Mamin, L. F. Nur, and A. Baharuddin, "Pengembangan sistem inventarisasi alat dan bahan laboratorium IPA dengan fitur QR Code," in *Proc. Seminar Nasional Sains dan Teknologi*, Universitas Negeri Makassar, 2022.
- [24] M. Stojmenovic, *Fog and Mobile Edge Computing: Principles and Paradigms*. Hoboken, NJ, USA: Wiley, 2017.

- [25] A. Octora Pristisahida and A. Faqihul Fajar, “Adaptive Threshold for Fingerprint Recognition System Based on Threat Level and System Load,” *ResearchGate*, Sep. 2023. [Online]. Available: ResearchGate platform.
- [26] J. K. Danielo, M. N. Ihsan, and N. F. Prebianto, “ESP32-Based Smart Storage System with Fingerprint and HMI Integration for Workspaces,” *Journal of Applied Electrical Engineering*, vol. 9, no. 1, 2023. doi:10.30871/jaee.v9i1.9420.
- [27] P. C. Neto, A. F. Sequeira, J. S. Cardoso, and P. Terhörst, “PIC-Score: Probabilistic Interpretable Comparison Score for Optimal Matching Confidence in Single- and Multi-Biometric (Face) Recognition,” *arXiv preprint*, Nov. 2022.

