

DAFTAR PUSTAKA

- Ada, Lady. (2023). *Adafruit Optical Fingerprint Sensor Created by lady ada.* <https://learn.adafruit.com/adafruit-optical-fingerprint-sensor>
- Aftab, M. U. bin. (2017). *Building Bluetooth Low Energy Systems*. Packt Publishing.
- Al Hajri, E., Hafeez, F., & Ameer Azhar, N. V. (2019). Fully automated classroom attendance system. *International Journal of Interactive Mobile Technologies*, 13(8), 95–106. <https://doi.org/10.3991/ijim.v13i08.10100>
- Anindito, B., Al-Azam, M. N., Sooai, A. G., Winaya, A., Achlaq, M. M., & Maftuchah. (2018). Indoor agriculture: Measurement of the intensity of LED for optimum photosynthetic recovery. *International Conference on Electrical Engineering, Computer Science and Informatics (EECSI), 2018-Octob*(October 2018), 356–361. <https://doi.org/10.1109/EECSI.2018.8752827>
- AP, O. H., Kalsum, T. U., & Hermawansyah, H. (2014). Pembuatan Alat Pendekripsi Arah Mata Angin Menggunakan Sensor Rotari Berbasis Mikrokontroller Atmega 16. *Media Infotama*, 10(1).
- Audrilia, M., & Budiman, A. (2020). Perancangan Sistem Informasi Manajemen Bengkel Berbasis Web (Studi Kasus : Bengkel Anugrah). *Jurnal Madani : Ilmu Pengetahuan, Teknologi, dan Humaniora*, 3(1), 1–12. <https://doi.org/10.33753/madani.v3i1.78>
- Aziz, N. (2022). *ANALISIS PERANCANGAN SISTEM INFORMASI* (N. S. Wahyuni, Ed.). Widina Bhakti Persada Bandung.
- Becker, J. K., Li, D., & Starobinski, D. (2019). Tracking Anonymized Bluetooth Devices. *Proceedings on Privacy Enhancing Technologies*, 2019(3), 50–65. <https://doi.org/10.2478/popets-2019-0036>
- By ALLDATASHEETCOM, P. (t.t.). DATASHEET SEARCH SITE | WWW.ALLDATASHEET.COM.
- Chandramohan, J., Nagarajan, R., kumar, M. A., Dineshkumar, T., Kannan, G., & Prakash, R. (2017). Attendance Monitoring System of Students Based on Biometric and GPS Tracking System. *International Journal of Advanced engineering, Management and Science*, 3(3), 241–246. <https://doi.org/10.24001/ijaems.3.3.16>
- Espressif Systems. (2019). *ESP32 Bluetooth Architecture*.

- Febri Mahyudi Rizon, Sarmidi, M. K. (2018a). Alat Pendekripsi Udara Di Dalam Mobil Menggunakan Arduino Uno. *Jumantaka*, 02(01), 31–40.
- Febri Mahyudi Rizon, Sarmidi, M. K. (2018b). Alat Pendekripsi Udara Di Dalam Mobil Menggunakan Arduino Uno. *Jumantaka*, 02(01), 31–40.
- Fitriawan, H., Rohman, R. C., Herlinawati, H., & Purwiyanti, S. (2020). Pengukuran RSSI Jaringan Sensor Nirkabel Berbasis ZigBee pada Berbagai Topologi. *Jurnal Rekayasa Elektrika*, 16(2). <https://doi.org/10.17529/jre.v16i2.15750>
- Garay, M. A. C., & Roman-Gonzalez, A. (2019). Autonomous monitoring system using Wi-Fi economic. *International Journal of Advanced Computer Science and Applications*, 10(8), 380–386. <https://doi.org/10.14569/ijacsa.2019.0100851>
- Hall, J. A. (2011). *Accounting Information Systems* (Seventh Ed). Cengage Learning.
- Ivanić, M., & Mezei, I. (2018a). Distance Estimation Based on RSSI Improvements of Orientation Aware Nodes. *2018 Zooming Innovation in Consumer Technologies Conference (ZINC)*, 140–143. <https://doi.org/10.1109/ZINC.2018.8448660>
- Ivanić, M., & Mezei, I. (2018b). Distance Estimation Based on RSSI Improvements of Orientation Aware Nodes. *2018 Zooming Innovation in Consumer Technologies Conference (ZINC)*, 140–143. <https://doi.org/10.1109/ZINC.2018.8448660>
- Lapointe, P., Chapron, K., Bouchard, K., & Gaboury, S. (2020). A New Device to Track and Identify people in a Multi-Residents Context. *Procedia Computer Science*, 170, 403–410. <https://doi.org/10.1016/j.procs.2020.03.082>
- Leonardi, L., Patti, G., & Lo Bello, L. (2018). Multi-Hop Real-Time Communications over Bluetooth Low Energy Industrial Wireless Mesh Networks. *IEEE Access*, 6(May), 26505–26519. <https://doi.org/10.1109/ACCESS.2018.2834479>
- Mangroliya, V., Singh, P., & Ram, S. (2022). *CONTACTLESS E-ATTENDANCE FOR ORGANIZATION*. 32(04), 1247–1251.
- Misal, S. R., Prajwal, S. R., Niveditha, H. M., Vinayaka, H. M., & Veena, S. (2020). Indoor Positioning System (IPS) Using ESP32, MQTT and Bluetooth. *Proceedings of the 4th International Conference on Computing Methodologies and Communication, ICCMC 2020*, 79–82. <https://doi.org/10.1109/ICCMC48092.2020.ICCMC-00015>

- Mohan, C., Ahmed, S., Priya, N., Jahnavi, M., & Babu, T. (2022). E - Health Centre Maintenance System using PHP with MySQL and XAMPP Web Server. *International Journal of Advanced Research in Science, Communication and Technology*, 859–865. <https://doi.org/10.48175/IJARSCT-7577>
- Nindya, P., Dewi, P., Erviantono, T., & Winaya, I. K. (2014). *Indonesia Power Unit Pembangkitan Dan Jasa Pembangkitan Bali (Studi Kasus Di PT Indonesia Power Unit Pembangkitan Dan Jasa Pembangkitan Bali)*. 1–7.
- Ouhmad, L., & Malaoui, A. (2023). Experimental Study and Simulation of a New Power Supply Method for Intelligent Agricultural Systems by a Thermoelectric System. Dalam *INTERNATIONAL JOURNAL of RENEWABLE ENERGY RESEARCH* L. Ouhmad, A. Malaoui (Vol. 13, Nomor 2).
- Pal, S. (2021). *Internet of Things and Access Control Sensing, Monitoring and Controlling Access in IoT-Enabled Healthcare Systems*. Springer.
- Paul, D., & Immanuel, A. (2015). *GATT Based Activity Measurement Profile for Bluetooth ® Low Energy Enable Devices* . May 2015, 376–381. https://doi.org/10.3850/978-981-09-4426-1_099
- Perdana, F. A. (2021). Baterai Lithium. *INKUIRI: Jurnal Pendidikan IPA*, 9(2), 113. <https://doi.org/10.20961/inkuiri.v9i2.50082>
- Permana, A. Y., & Romadlon, P. (2019). Perancangan Sistem Informasi Penjualan Perumahan Menggunakan Metode Sdlc Pada Pt. Mandiri Land Prosperous Berbasis Mobile. *Jurnal SIGMA*, 10(2), 153–167.
- Prafanto, A., Budiman, E., Widagdo, P. P., Putra, G. M., & Wardhana, R. (2021). Pendekripsi Kehadiran menggunakan ESP32 untuk Sistem Pengunci Pintu Otomatis. *JTT (Jurnal Teknologi Terapan)*, 7(1), 37. <https://doi.org/10.31884/jtt.v7i1.318>
- Pravalika, V., & Rajendra Prasad, C. (2019). Internet of things based home monitoring and device control using Esp32. *International Journal of Recent Technology and Engineering*, 8(1 Special Issue 4), 58–62.
- Pušnik, M., Galun, M., & Šumak, B. (2020). Improved bluetooth low energy sensor detection for indoor localization services. *Sensors (Switzerland)*, 20(8). <https://doi.org/10.3390/s20082336>
- Rochman H, Primananda R, & Nurwasito H. (2017). Sistem Kendali Berbasis Mikrokontroler Menggunakan Protokol MQTT pada Smarthome | Jurnal Pengembangan Teknologi Informasi dan Ilmu Komputer. *Jurnal Pengembangan Teknologi Informasi dan Ilmu Komputer*, 1(6), 445–455.

- Romney, M. B., & Steinbart, P. J. (2017). *Accounting Information Systems* (Fourteenth). Pearson.
- Sahoo, K. C., & Pati, U. C. (2017). IoT based intrusion detection system using PIR sensor. *RTEICT 2017 - 2nd IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, Proceedings, 2018-Janua*, 1641–1645. <https://doi.org/10.1109/RTEICT.2017.8256877>
- Sakshi, Sharma, C., Sharma, S., Singh, P., & Khan, I. A. (2021). Advanced Attendance Management Systems: Technologies and Applications. *Edelweiss Applied Science and Technology*, 5(1), 46–55. <https://doi.org/10.33805/2576-8484.194>
- Saputra, R. D., & Hartanto, D. (2013). Perancangan Sistem Informasi Presensi Menggunakan Visual Basic Pada Jogja Fitnes. *Jurnal Ilmiah DASI*, 14(04), 44–48.
- Satoto, K. I., Isnanto, R. R., Kridalukmana, R., & Martono, K. T. (2016). Optimizing MySQL database system on information systems research, publications and community service. *2016 3rd International Conference on Information Technology, Computer, and Electrical Engineering (ICITACEE)*, 1–5. <https://doi.org/10.1109/ICITACEE.2016.7892476>
- Sitohang, E. P., Mamahit, D. J., & Tulung, N. S. (2018). Rancang Bangun Catu Daya Dc Menggunakan Mikrokontroler Atmega 8535. *Jurnal Teknik Elektro dan Komputer*, 7(2), 135–142.
- Sugiyanto, S., Agung, H., & Ainul, R. (2023). *Self-monitoring and self-alarm social distancing system based on BLE ESP32*. <https://doi.org/10.4108/eai.11-10-2022.2326427>
- Sultana, S., Enayet, A., & Mouri, I. J. (2015). *A Smart, Location Based Time And Attendance Tracking System Using Android Application*. 5(1), 1–5.
- Tang, X. (2020). Research on Smart Logistics Model Based on Internet of Things Technology. *IEEE Access*, 8, 151150–151159. <https://doi.org/10.1109/ACCESS.2020.3016330>
- Taryudi, Adriano, D. B., & Ciptoning Budi, W. A. (2018). Iot-based Integrated Home Security and Monitoring System. *Journal of Physics: Conference Series*, 1140(1). <https://doi.org/10.1088/1742-6596/1140/1/012006>
- Townsend, K., Cufi, C., Akiba, & Davidson, R. (2014). *Getting Started with Bluetooth Low Energy: Tools and Techniques for Low-Power Networking 1st Edition*. O'Reilly Media.

Tullah, R., Sutarman, S., & Setyawan, A. H. (2019). Sistem Penyiraman Tanaman Otomatis Berbasis Mikrokontroler Arduino Uno Pada Toko Tanaman Hias Yopi. *Jurnal Sisfotek Global*, 9(1). <https://doi.org/10.38101/sisfotek.v9i1.219>

Winaryati, E., Munsarif, M., Mardiana, & Suwahono. (2021). *Circular Model of RD&D (Model RD&D Pendidikan dan Sosial)*.

Wu, H., Ye, Y., Liu, Y., & Huang, W. (2018). *Design of Intelligent Classroom Fingerprint Attendance System Based on MCU*.

Zarkasi, A., Saprian, S. A., & Novriansyah. (2019). Implementasi Monitoring Real Time Suhu Dan Kelembaban Jarak Jauh Berbasis IOT. *Implementasi Monitoring Real Time Suhu Dan Kelembaban Jarak Jauh Berbasis IOT*, 5(1), 90–94.

