

DAFTAR PUSTAKA

- [1] S. Jacob, S. S. Yadav, and B. S. Sikarwar, *Design and simulation of isolation room for a hospital*. Springer Singapore, 2019.
- [2] A. Zafia, “Prototype Alat Monitoring Vital Sign Pasien Rawat Inap Menggunakan Wireless Sensor Sebagai Upaya Physical Distancing menghadapi Covid-19,” *J. Informatics, Inf. Syst. Softw. Eng. Appl.*, vol. 2, no. 2, pp. 61–68, 2020, doi: 10.20895/inista.v2i2.126.
- [3] A. M. Luks and E. R. Swenson, “Pulse oximetry for monitoring patients with COVID-19 at home potential pitfalls and practical guidance,” *Ann. Am. Thorac. Soc.*, vol. 17, no. 9, pp. 1040–1046, 2020, doi: 10.1513/AnnalsATS.202005-418FR.
- [4] M. F. Ahmed, M. K. Hasan, M. Shahjalal, M. M. Alam, and Y. M. Jang, “Design and implementation of an OCC-based real-time heart rate and pulse-oxygen saturation monitoring system,” *IEEE Access*, vol. 8, pp. 198740–198747, 2020, doi: 10.1109/ACCESS.2020.3034366.
- [5] A. B. Fakhri, S. K. Gharghan, and S. L. Mohammed, “Energy-Efficient Wireless Sensor Network Monitoring System,” vol. 13, no. 20, pp. 8258–8270, 2018.
- [6] N. N. Qomariyah, M. S. Astriani, and S. D. A. Asri, “IoT-based COVID-19 Patient Vital Sign Monitoring,” pp. 127–131, 2021, doi: 10.1109/icitisee53823.2021.9655961.

- [7] A. I. Paganelli *et al.*, “A conceptual IoT-based early-warning architecture for remote monitoring of COVID-19 patients in wards and at home,” *Internet of Things (Netherlands)*, no. xxxx, p. 100399, 2022, doi: 10.1016/j.iot.2021.100399.
- [8] M. W. Hasan, “Covid-19 fever symptom detection based on IoT cloud,” *Int. J. Electr. Comput. Eng.*, vol. 11, no. 2, pp. 1823–1829, 2021, doi: 10.11591/ijece.v11i2.pp1823-1829.
- [9] A. Chauhan, K. Farmah, A. Goel, and A. Gandotra, “A Novel Patient Monitoring System Using Photoplethysmography and IOT in the Age of COVID-19,” *Proc. - 5th Int. Conf. Comput. Methodol. Commun. ICCMC 2021*, no. Iccmc, pp. 427–437, 2021, doi: 10.1109/ICCMC51019.2021.9418426.
- [10] M. M. S. Choyon, M. Rahman, M. M. Kabir, and M. F. Mridha, “IoT based Health Monitoring Automated Predictive System to Confront COVID-19,” *HONET 2020 - IEEE 17th Int. Conf. Smart Communities Improv. Qual. Life using ICT, IoT AI*, pp. 189–193, 2020, doi: 10.1109/HONET50430.2020.9322811.
- [11] S. S. Vedaei *et al.*, “COVID-SAFE: An IoT-based system for automated health monitoring and surveillance in post-pandemic life,” *IEEE Access*, vol. 8, pp. 188538–188551, 2020, doi: 10.1109/ACCESS.2020.3030194.
- [12] I. D. M. B. Filho, G. Aquino, R. S. Malaquias, G. Girao, and S. R. M. Melo, “An IoT-Based Healthcare Platform for Patients in ICU Beds

during the COVID-19 Outbreak,” *IEEE Access*, vol. 9, pp. 27262–27277, 2021, doi: 10.1109/ACCESS.2021.3058448.

- [13] D. Mazumder, “A novel approach to IoT based health status monitoring of COVID-19 patient,” pp. 1–4, 2021, doi: 10.1109/icsct53883.2021.9642608.
- [14] S. De Vito *et al.*, “High Resolution Air Quality Monitoring with IoT Intelligent Multisensor devices during COVID-19 Pandemic Phase 2 in Italy,” *12th AEIT Int. Annu. Conf. AEIT 2020*, 2020, doi: 10.23919/AEIT50178.2020.9241144.
- [15] S. Hamrioui, C. A. M. Hamrioui, and P. Lorenz, “Distinction between data losses for better communications in IoT,” *2017 Int. Conf. Adv. Comput. Commun. Informatics, ICACCI 2017*, vol. 2017-Janua, no. September, pp. 494–500, 2017, doi: 10.1109/ICACCI.2017.8125888.
- [16] GHANI HIBATULLAH SANTOSO, “Perancangan Dan Implementasi Alat Monitoring Detak Jantung, Saturasi Oksigen Dan Suhu Tubuh Iot Berbasis Cloud,” *Peranc. Dan Implementasi Alat Monit. Detak Jantung, Saturasi Oksigen Dan Suhu Tubuh Iot Berbas. Cloud*, vol. 8, no. 6, pp. 11711–11718, 2021, [Online]. Available: <https://openlibrary.telkomuniversity.ac.id/home/catalog/id/175662/slug/perancangan-dan-implementasi-alat-monitoring-detak-jantung-saturasi-oksigen-dan-suhu-tubuh-iot-berbasis-cloud.html>.
- [17] M. A. Akkaş, R. SOKULLU, and H. Ertürk Çetin,

- “Healthcare and patient monitoring using IoT,” *Internet of Things (Netherlands)*, vol. 11, no. 2020, p. 100173, 2020, doi: 10.1016/j.iot.2020.100173.
- [18] N. Bin Kamarozaman and A. H. Awang, “IOT COVID-19 Portable Health Monitoring System using Raspberry Pi, Node-Red and ThingSpeak,” pp. 107–112, 2021, doi: 10.1109/iswta52208.2021.9587444.
- [19] W. J. Telaumbanua, “Hybrid Network untuk Pengembangan Internet of Things,” in *Angewandte Chemie International Edition*, 6(11), 951–952., 2017, pp. 10–27.
- [20] Najmah, “Epidiomologi Penyakit Menular,” p. 300, 2016.
- [21] Kemenkes RI, “Pedoman Teknis Prasarana Sistem Tata Udara Pada Bangunan Rumah Sakt,” *Kementeri. Kesehat. - RI*, pp. 1–87, 2012.
- [22] Y. Hakimah, “Analisis Kebutuhan Listrik dan Penambahan Pembangkit Listrik di Sumatra Selatan,” *J. Desiminasi Teknol.*, vol. 7, no. 2, pp. 130–137, 2019.
- [23] J. Murianto, D. Febrianto, and F. Azmi, “Rancang Bangun Alat Uji Pada Perbaikan Faktor Daya Dengan Kapasitor Bank,” *JESCE (Journal Electr. Syst. Control Eng.*, vol. 4, no. 1, 2020.
- [24] Maxim Integrated, “High-Sensitivity Pulse Oximeter and Heart-Rate Sensor for Wearable Health,” *MAX30101 Datasheet*, 2018.

- [25] Microchip Technology Inc., “ $\pm 0.5^{\circ}\text{C}$ Maximum Accuracy Digital Temperature Sensor,” *Microchip Technol. Inc.*, vol. 25, pp. 1–54, 2011, [Online]. Available: ww1.microchip.com/downloads/en/DeviceDoc/25095A.pdf.
- [26] My Duino.com, “TTGO T-Display ESP32 Development Board with 1.14” IPS LCD,” 2019. .
- [27] PCBWay, “TTGO T-Display ESP32 WiFi and Bluetooth Module Development Board For Arduino 1.14 Inch LCD,” 2019. .
- [28] Xinyuan, “TTGO-T-Display,” *Github.com*, 2021. .
- [29] A. Junaidi, “Internet of Things , Sejarah , Teknologi Dan Penerapannya : Review,” vol. I, no. 3, pp. 62–66, 2015.
- [30] Y. Chen, H. Zhang, and N. Wang, “Body temperature monitor and alarm system used in hospital based on 1-wire and wireless communication technology,” in *2008 International Workshop on Education Technology and Training and 2008 International Workshop on Geoscience and Remote Sensing, ETT and GRS 2008*, 2009, vol. 1, pp. 401–404, doi: 10.1109/ETTandGRS.2008.80.
- [31] Gunawan Hendro Cahyono, “INTERNET OF THINGS (SEJARAH, TEKNOLOGI DAN PENERAPANNYA),” *Swara Patra*, vol. 06, no. 3, 2016.
- [32] Marina, “Studi Perbandingan Platform Internet of

Things (IoT) untuk Smart Home Kontrol Lampu Menggunakan NodeMCU dengan Aplikasi Web Thingspeak dan Blynk,” *J. Fidel.*, vol. 2, no. 1, pp. 59–78, 2020.

- [33] F. A. Saputra and I. D. Wahyono, “‘ WATERSOR ’ (Waterlogging Sensor) Monitoring Genangan Air di Kota Malang Berbasis ThingSpeak Framework,” *Semin. Nas. Ilmu Komput. dan Teknol. Inf.*, vol. 3, no. 2, pp. 165–168, 2018.
- [34] M. Otong, “Perancangan Modular Baterai Lithium Ion (Li-Ion) untuk Beban Lampu LED,” *Setrum Sist. Kendali-Tenaga-elektronika-telekomunikasi-komputer*, vol. 8, no. 2, p. 260, 2019, doi: 10.36055/setrum.v8i2.6808.