DAFTAR PUSTAKA

[1] I. Prayogo *et al.*, "Sistem Monitoring Denyut Jantung Dan Suhu Tubuh Sebagai Indikator Level Kesehatan Pasien Berbasis IoT (Internet Of Thing) Dengan Metode Fuzzy Logic Menggunakan Android," *Program Studi Teknik Elektro, Fakultas Teknik, Universitas Trunojoyo*. 2017.

[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] M. A. Husni, E. Yulianto, M. T. Hj, E. Dian, J. T. Elektromedik, and I. Pendahuluan, "Patient Monitor Tampil PC (SPO2 dan BPM)," pp. 1–7, 2017.

[4] E. B. Mahendra and B. G. Irianto, "Perancangan Smartwatch Spo2 dan BPM Dengan," vol. 1, no. 1, pp. 1–7, 2019, doi: 10.1234/jeeemi.v1i1.9xx.

[5] A. S. Utomo, E. H. P. Negoro, and M. Sofie, "Monitoring Heart Rate Dan Saturasi Oksigen Melalui Smartphone," *Simetris J. Tek. Mesin, Elektro dan Ilmu Komput.*, vol. 10, no. 1, pp. 319–324, 2019, doi: 10.24176/simet.v10i1.3024.

[6] D. B. S. Budi, R. Maulana, and H. Fitriyah, "Sistem Deteksi Gejala Hipoksia Berdasarkan Saturasi Oksigen Dengan Detak Jantung Menggunakan Metode Fuzzy Berbasis Arduino," *J. Pengemb. Teknol. Inf. dan Ilmu Komputer.*, vol. 3, no. 2, pp. 1925–1933, 2019, [Online]. Available: http://j-ptiik.ub.ac.id.

[7] P. Agrawal, "Real time IOT based detection of oxygen saturation level and bpm," no. June 2019, 2020.

[8] R. Prince and A. Hospital, "POLICY DIRECTIVE FINAL.pdf," no. 06, pp. 1–9, 2014.

[9] D. R. Hess, "Pulse oximetry: Beyond SpO2," *Respir. Care*, vol. 61, no. 12, pp. 1671–1680, 2016, doi: 10.4187/respcare.05208.

[10] A. Jubran, "Pulse oximetry," *Crit. Care*, pp. 1–7, 2015, doi: 10.1186/s13054-015-0984-8.

[11] E. Kartini *et al.*, "Fingerstip Pulse Oxymeter Tampil PC (BPM) sensitif untuk mengetahui kadar oksigen dalam darah (SPO2) dan dari akibat perbedaan kepekatan," *Jur. Tek. Elektromedik, Poltekkes Surabaya*, pp. 1–8, 2015.

[12] R. M. Jones, "Penilaian Umum dan Tanda - tanda Vital," 2008.

[13] W. Sonata and W. -, "Rancang Bangun Alat Ukur Laju Pernapasan Manusia Berbasis Mikrokontroler Atmega8535," *J. Fis. Unand*, vol. 4, no. 4, pp. 332–338, 2015.

[14] Y. Haseda, J. Bonefacino, H. Y. Tam, S. Chino, S. Koyama, and H. Ishizawa, "Measurement of pulse wave signals and blood pressure by a plastic optical fiber FBG sensor," *Sensors (Switzerland)*, vol. 19, no. 23, 2019, doi: 10.3390/s19235088.

[15] D. P. P. Indriani, Yudianingsih, and E. L. Utari, "Perancangan Pulse Oximetry Dengan Sistem Alarm Prioritas Sebagai Vital Monitoring Terhadap Pasien," *J. Teknol. Inf.*, vol. 9, no. 27, pp. 93–107, 2014.

[16] M. Esp-, D. Rizaludin, Y. S. Raharjo, A. Nugroho, and M. N. Al-azam, "Message Queuing Telemetry

Transport dalam Internet of Things," *J. Media Inform. Budidarma*, vol. 3, no. 3, pp. 159–166, 2019, doi: 10.30865/mib.v3i3.1160.

[17]   Espressif Systems, "ESP32 Series Datasheet." Shanghai Zhangjiang High-Tech Park, Shanghai, p. 53, 2018.

[18]   A. L. Bustamante, M. A. Patricio, and J. M. Molina, "Thinger.io: An open source platform for deploying data fusion applications in IoT environments," *Sensors (Switzerland)*, vol. 19, no. 5, 2019, doi: 10.3390/s19051044.

[19]   B. A. B. Ii, "Pada Tabel 2.1 berikut menampilkan Senyawa Semikonduktor yang digunakan untuk menghasilkan variasi warna pada LED :," pp. 5–32.

[20]   Fitria, "済無No Title No Title," *J. Chem. Inf. Model.*, vol. 53, no. 9, pp. 1689–1699, 2013.