

DAFTAR PUSTAKA

- [1] dr. R. Y. I. Putri, “Henti Jantung Mendadak,” *kemendes.go.id*, 2022. https://yankes.kemkes.go.id/view_artikel/1911/henti-jantung-mendadak (accessed Feb. 11, 2023).
- [2] B. A. Cunha, “Management of respiratory tract infections in adults: Introduction,” *Infect. Dis. Clin. Pract.*, vol. 7, no. SUPPL. 5, pp. 135–148, 1998, doi: 10.1097/00019048-199812005-00001.
- [3] C. Tso, G. M. Currie, D. Gilmore, and H. Kiat, “Electrocardiography: A technologist’s guide to interpretation,” *J. Nucl. Med. Technol.*, vol. 43, no. 4, pp. 247–252, 2015, doi: 10.2967/jnmt.115.163501.
- [4] F. Curcio *et al.*, “Sarcopenia and heart failure,” *Nutrients*, vol. 12, no. 1, 2020, doi: 10.3390/nu12010211.
- [5] S. Mori, J. T. Tretter, D. E. Spicer, D. L. Bolender, and R. H. Anderson, “What is the real cardiac anatomy?,” *Clin. Anat.*, vol. 32, no. 3, pp. 288–309, 2019, doi: 10.1002/ca.23340.
- [6] National Health Fundation of Australia, *Heart arrhythmias*. 2016.
- [7] I. N. Sandi, “Pengaruh Latihan Fisik Terhadap Frekuensi Denyut Nadi,” *Sport Fit. J.*, vol. 4, no. 2, pp. 1–6, 2016.
- [8] T. Komori, K. Eguchi, S. Hoshide, B. Williams, and K. Kario, “Comparison of wrist-type and arm-type 24-h blood pressure monitoring devices for ambulatory use,” *Blood Press. Monit.*, vol. 18, no. 1, pp. 57–62, 2013, doi: 10.1097/MBP.0b013e32835d124f.
- [9] R. S. Hotchkiss, L. L. Moldawer, S. M. Opal, K. Reinhart, I. R. Turnbull, and J. L. Vincent, “Sepsis and septic shock,” *Nat. Rev. Dis. Prim.*, vol. 2, no. June, 2016, doi: 10.1038/nrdp.2016.45.
- [10] T. Voiosu, I. Boşkoski, A. Tringali, G. Quero, A. Voiosu, and G. Costamagna, “Chronic pancreatitis: an overview of diagnosis and management,” *Expert Rev. Gastroenterol. Hepatol.*, vol. 14, no. 7, pp. 515–526, 2020, doi: 10.1080/17474124.2020.1774365.
- [11] S. Sidhu and J. E. Marine, “Evaluating and managing bradycardia,” *Trends Cardiovasc. Med.*, vol. 30, no. 5, pp. 265–272, 2020, doi:

10.1016/j.tcm.2019.07.001.

- [12] Z. Chen *et al.*, “Nonalcoholic Fatty Liver Disease: An Emerging Driver of Cardiac Arrhythmia,” *Circ. Res.*, vol. 128, no. 11, pp. 1747–1765, 2021, doi: 10.1161/CIRCRESAHA.121.319059.
- [13] M. E. Josephson, “Sudden cardiac arrest,” *Indian Heart J.*, vol. 66, no. SUPPL. 1, 2014, doi: 10.1016/j.ihj.2014.01.001.
- [14] A. W. Setiawan, R. A. Djohan, and F. I. Tawakal, “Deteksi Aritmia Menggunakan Sinyal EKG dengan Metoda Deteksi Puncak-R,” *Semin. Nas. Inov. dan Apl. Teknol. di Ind. 2019*, vol. ISSN 2085-, pp. 127–132, 2019.
- [15] A. Gunawan, Y. Y. Gamaliel, and T. A. Nugroho, “Pengembangan Sistem Pengawasan Lansia Berbasis Microcontroller dan Aplikasi Mobile,” *Telematika*, vol. 16, no. 2, pp. 63–68, 2021.
- [16] Y. A. A. Eko Supriyanto, “Rancang Bangun Alat Portabel Untuk Memonitor Dan Menganalisis Detak Jantung Subjek Yang Terpengaruh Kafein,” *Fak. Tek. Elektro UII*, pp. 1–12, 2018, [Online]. Available: [https://dspace.uui.ac.id/handle/123456789/10495%0Ahttps://dspace.uui.ac.id/bitstream/handle/123456789/10495/07 Naskah Publikasi.pdf?sequence=11&isAllowed=y](https://dspace.uui.ac.id/handle/123456789/10495%0Ahttps://dspace.uui.ac.id/bitstream/handle/123456789/10495/07%20Naskah%20Publikasi.pdf?sequence=11&isAllowed=y)
- [17] M. Thowil Afif and I. Ayu Putri Pratiwi, “Analisis Perbandingan Baterai Lithium-Ion, Lithium-Polymer, Lead Acid dan Nickel-Metal Hydride pada Penggunaan Mobil Listrik - Review,” *J. Rekayasa Mesin*, vol. 6, no. 2, pp. 95–99, 2015, doi: 10.21776/ub.jrm.2015.006.02.1.
- [18] N. E. Budiya, M. C. Wishnu, D. R. W, and L. Lukas, “Perancangan Fidget Device Berbasis Internet Of Things,” *TESLA J. Tek. Elektro*, vol. 21, no. 1, p. 1, 2019, doi: 10.24912/tesla.v21i1.3241.
- [19] A. P. Abiyasa, I. W. Sukadana, I. W. Utama, and I. W. Sugarayasa, “Datalogger Portabel Online Untuk Remote Monitoring Menggunakan Arduino Mikrokontroler,” in *Prosiding Seminar Nasional Teknik Elektro*, 2017, pp. 5–10.
- [20] Y. Setiawan, H. Tanudjaja, and S. Octaviani, “Penggunaan Internet of Things (IoT) untuk Pemantauan dan Pengendalian Sistem Hidroponik,” *TESLA J. Tek. Elektro*, vol. 20, no. 2, p. 175, 2019, doi:

10.24912/tesla.v20i2.2994.

- [21] R. E. Standsyah and I. S. N. Restu, "Implementasi Phpmyadmin Pada Rancangan Sistem Pengadministrasian," *J. UJMC*, vol. 3, no. 2, pp. 38–44, 2017.
- [22] R. Hermiati, A. Asnawati, and I. Kanedi, "Pembuatan E-Commerce Pada Raja Komputer Menggunakan Bahasa Pemrograman Php Dan Database Mysql," *J. Media Infotama*, vol. 17, no. 1, pp. 54–66, 2021, doi: 10.37676/jmi.v17i1.1317.
- [23] Y. Sasaki and T. Yokotani, "Performance Evaluation of MQTT as a Communication Protocol for IoT and Prototyping," *Adv. Technol. Innov.*, vol. 4, no. 1, pp. 21–29, 2019.
- [24] S. Guntur, C. Ahmad, and C. Nugroho, "Pembuatan Website Stkip Amal Bakti," *J. PRODIKMAS Has. Pengabd. Kpd. Masy.*, vol. 6, pp. 48–54, 2021, doi: 10.30596/jp.v6i1.7675.
- [25] D. Sasmoko and Y. A. Wicaksono, "Implementasi Penerapan Internet Of Things(Iot)Pada Monitoring Infus Menggunakan Esp 8266 Dan Web Untuk Berbagi Data," *J. Ilm. Inform.*, vol. 2, no. 1, pp. 90–98, 2017, doi: 10.35316/jimi.v2i1.458.
- [26] A. K. Rahmatika, F. Pradana, and F. A. Bachtiar, "Pengembangan Sistem Pembelajaran HTML dan CSS dengan Konsep Gamification berbasis Web," *J. Pengemb. Teknol. Inf. dan Ilmu Komput.*, vol. 4, no. 8 Agustus, pp. 2655–2663, 2020.
- [27] K. Rahmadnur and I. Yasri, "Perancangan Dan Analisa Kinerja Sistem Pendeteksi Frekuensi Berbasis Mikrokontroler Untuk Rentang Frekuensi 50 Mhz," *Jom FTEKNIK*, vol. 8, pp. 1–10, 2021.
- [28] S. K. Wardhana, B. A. Wardjiono, and S. Komputer, "Analisis Pengiriman Data Sensor dengan Jaringan Wireless Menggunakan Metode Quality of Service (QoS)," *J. Sains dan Teknol.*, vol. 5, no. 2, pp. 371–383, 2022.
- [29] M. Muthmainnah, Deni Bako Tabriawan, and Imam Tazi, "Karakterisasi Sensor MAX30102 Sebagai Alat Ukur Detak Jantung dan Suhu Tubuh Berbasis Photoplethysmograph," *J. Pendidik. Mipa*, vol. 12, no. 3, pp. 726–731, 2022, doi: 10.37630/jpm.v12i3.655.

- [30] M. Muthmainnah and D. B. Tabriawan, "Prototipe Alat Ukur Detak Jantung Menggunakan Sensor MAX30102 Berbasis Internet of Things (IoT) ESP8266 dan Blynk," *JISKA (Jurnal Inform. Sunan Kalijaga)*, vol. 7, no. 3, pp. 163–176, 2022, doi: 10.14421/jiska.2022.7.3.163-176.
- [31] M. J. Shiddiq and A. T. Nugraha, "Sistem Monitoring Detak Jantung pada Sepeda Treadmill," *J. Comput. Electron. Telecommun.*, vol. 3, no. 2, 2022, doi: 10.52435/complete.v3i2.200.
- [32] S. Iksal, Suherman, "Perancangan Sistem Kendali Otomatisasi On-Off Lampu Berbasis Arduino dan Borland Delphi," *Semin. Nas. Rekayasa Teknol.*, no. November, pp. 117–123, 2018.
- [33] I. W. Eka Prastia, I. W. Arta Wijaya, and I. W. Sukerayasa, "Rancang Bangun Monitoring Level Muka Air Tanah Di Perkebunan Lahan Gambut Menggunakan SMS Sebagai Pengirim Informasi Data Berbasis Mikrokontroler," *J. SPEKTRUM*, vol. 6, no. 1, p. 62, 2019, doi: 10.24843/spektrum.2019.v06.i01.p09.
- [34] A. A. Shonta, L. N. Hamidah, M. Hasan, M. M. Dewi, Y. Astuti, and I. R. Wulandari, "Penerapan Firebase Realtime Database Pada Aplikasi Media Informasi dan Pendaftaran Training IT Berbasis Android," *J. Media Inform. Budidarma*, vol. 6, no. 3, p. 1517, 2022, doi: 10.30865/mib.v6i3.4040.
- [35] C. A. Pratiwi, P. Madona, and P. Wijaya, "Akuisisi Data Sinyal Photoplethysmograph (PPG) Menggunakan Photodiode," *J. Politek. Caltex Riau*, vol. 2, no. 2, pp. 32–41, 2016.
- [36] Q. Lin *et al.*, "Dynamic Range Charge Counting Light- to-Digital Converter for Wearable PPG / NIRS Monitoring Applications," *IEEE*, vol. 4545, p. 2020, 2020, doi: 10.1109/TBCAS.2020.3001449.
- [37] B. S. Riza Yulian, "Rancang Bangun Photoplethysmography (Ppg) Tipe Gelang Tangan Untuk Menghitung Detak Jantung Berbasis Arduino," *J. Tek. Elektro*, vol. 06, pp. 0–230, 2017.
- [38] ETSI, "Telecommunications and Internet Protocol Harmonization Over Networks (TIPHON); General aspects of Quality of Service (QoS)," *Etsi Tr 101 329 V2.1.1*, vol. 1, pp. 1–37, 2020.
- [39] ITU-T, "G.1010: End-user multimedia QoS categories," *Int. Telecommun.*

Union, vol. 1010, 2001, [Online]. Available:
[http://scholar.google.com.au/scholar?hl=en&q=ITU-](http://scholar.google.com.au/scholar?hl=en&q=ITU-T+Recommendation+G.1010&btnG=&as_sdt=1,5&as_sdtp=#7)
[T+Recommendation+G.1010&btnG=&as_sdt=1,5&as_sdtp=#7](http://scholar.google.com.au/scholar?hl=en&q=ITU-T+Recommendation+G.1010&btnG=&as_sdt=1,5&as_sdtp=#7)