

DAFTAR PUSTAKA

- [1] G. Aditya Mahendra Oka and A. Pudji, “Design of Vital Sign Monitor with ECG, BPM, and Respiration Rate Parameters,” *Indones. J. Electron. Electromed. Eng. Med. informatics*, vol. 3, no. 1, pp. 34–38, 2021, doi: 10.35882/ijeeemi.v3i1.6.
- [2] J. Su *et al.*, “Real-time Fusion of ECG and SpO₂ Signals to Reduce False Alarms,” *Comput. Cardiol. (2010)*, vol. 2018-Septe, pp. 1–4, 2018, doi: 10.22489/CinC.2018.163.
- [3] K. Mc Namara, H. Alzubaidi, and J. K. Jackson, “<p>Cardiovascular disease as a leading cause of death: how are pharmacists getting involved?</p>,” *Integr. Pharm. Res. Pract.*, vol. Volume 8, pp. 1–11, 2019, doi: 10.2147/iprp.s133088.
- [4] G. A. Roth *et al.*, “Global, regional, and national age-sex-specific mortality for 282 causes of death in 195 countries and territories, 1980–2017: a systematic analysis for the Global Burden of Disease Study 2017,” *Lancet*, vol. 392, no. 10159, pp. 1736–1788, Nov. 2018, doi: 10.1016/S0140-

6736(18)32203-7.

- [5] H. Indeks, M. Tubuh, D. Resiko, L. Back, P. Pada, and P. Di, “The Utililization of Electrocardiograph (ECG) Monitoring System for Patient With Cardiovascular Dis- ease Based On Community: A Literature Review,” vol. 7, no. 1, pp. 3–6, 2022.
- [6] M. G. Nicholls and A. M. Richards, “Disease monitoring of patients with chronic heart failure,” *Heart*, vol. 93, no. 4, pp. 519–523, 2007, doi: 10.1136/hrt.2005.078519.
- [7] G. B. Adityaputra, T. Tasripan, and T. A. Sardjono, “Rancang Bangun Elektrokardiograf 12-Leads Untuk Sistem Pengawasan Kesehatan Jantung Jarak Jauh,” *J. Tek. ITS*, vol. 8, no. 1, 2019, doi: 10.12962/j23373539.v8i1.38341.
- [8] D. S. Hui, “Epidemic and Emerging Coronaviruses (Severe Acute Respiratory Syndrome and Middle East Respiratory Syndrome),” *Clin. Chest Med.*, vol. 38, no. 1, pp. 71–86, 2017, doi: 10.1016/j.ccm.2016.11.007.

- [9] P. H. England, “COVID-19 vaccination programme Information for healthcare practitioners About Public Health England,” no. 31st December, pp. 1–40, 2020.
- [10] F. R. Alifiandi, E. S. Pramukantoro, and R. Primananda, “Penerapan Mekanisme Transmisi Data ECG Berbasis Teknologi LoRa (Long Range),” vol. 4, no. 1, pp. 90–99, 2020.
- [11] A. A. Sahifa, R. Setiawan, and M. Yazid, “Internet of Things-Based Data Delivery for Remote Monitoring of Hemodialysis Systems,” *J. Tek. ITS*, vol. 9, no. 2, pp. A209–A214, 2021.
- [12] Z. Yang, Q. Zhou, L. Lei, K. Zheng, and W. Xiang, “An IoT-cloud Based Wearable ECG Monitoring System for Smart Healthcare,” *J. Med. Syst.*, vol. 40, no. 12, 2016, doi: 10.1007/s10916-016-0644-9.
- [13] T. Shaown, I. Hasan, M. M. R. Mim, and M. S. Hossain, “IoT-based Portable ECG Monitoring System for Smart Healthcare,” *1st Int. Conf. Adv. Sci. Eng. Robot. Technol. 2019, ICASERT 2019*, vol. 2019, no. Icasert, pp. 1–5, 2019, doi:

- [14] Alamsyah, M. Subito, M. Ikhlayel, and E. Setijadi, “Internet of things-based vital sign monitoring system,” *Int. J. Electr. Comput. Eng.*, vol. 10, no. 6, pp. 5891–5898, 2020, doi: 10.11591/ijece.v10i6.pp5891-5898.
- [15] D. P. Nugroho, R. Munadi, and I. H. Santoso, “INTERNET OF THINGS BASED HEART RATE MONITORING SYSTEM USING ECG SENSOR WITH ANDROID APPLICATION MEDIA,” vol. 8, no. 5, pp. 5530–5536, 2021.
- [16] A. P. J. P. J. Santoso, S. Luthfiyah, T. B. Indrato, and M. Omoogun, “Vital Sign Monitor Device Equipped with a Telegram Notifications Based on Internet of Thing Platform,” *Indones. J. Electron. Electromed. Eng. Med. informatics*, vol. 3, no. 3, pp. 108–113, Aug. 2021, doi: 10.35882/ijeeemi.v3i3.4.
- [17] S. Luthfiyah, E. R. Ramadhani, T. B. Indrato, A. Wongjan, and K. O. Lawal, “Vital Signs Monitoring Device with BPM and SpO2

- Notification Using Telegram Application Based on Thinger.io Platform,” *Indones. J. Electron. Electromed. Eng. Med. Informatics*, vol. 4, no. 1, pp. 1–7, 2022, doi: 10.35882/ijeeemi.v4i1.1.
- [18] P. P. Kumar, T. S. Naidu, and S. Vishnu, “Remote Ecg Monitoring System by using Iot,” *Int. J. Eng. Adv. Technol.*, vol. 9, no. 1S5, pp. 71–73, 2019, doi: 10.35940/ijeat.a1021.1291s52019.
- [19] D. Rushalina, I. D. G. H. Wisana, P. C. Nugraha, and N. Ragimova, “Analysis of Transmitted and Received ECG Signal Based on Internet of Thing Using Web Browser and Server-Client HTML Protocol,” *J. Teknokes*, vol. 15, no. 4, pp. 216–222, 2022, doi: 10.35882/teknokes.v15i4.469.
- [20] S. U. Rahman and M. Hassan, “Heart S Role in the Human Body: a Literature Review,” *Iccss-2013Iccss*, vol. 2, no. 2, pp. 1–6, 2013, [Online]. Available:
<http://www.iccss13.vfast.org/index.php/>.
- [21] J. C, “Pengertian Jantung,” no. September 2011, pp. 1–8, 2012.

- [22] G. D. Buckberg, N. C. Nanda, C. Nguyen, and M. J. Kocica, “What is the heart? Anatomy, function, pathophysiology, and misconceptions,” *J. Cardiovasc. Dev. Dis.*, vol. 5, no. 2, 2018, doi: 10.3390/jcdd5020033.
- [23] G. R. Graham, “Textbook of Human Physiology,” *Bmj*, vol. 1, no. 5277, pp. 531–532, 1962, doi: 10.1136/bmj.1.5277.531-b.
- [24] S. K. Padala, J. A. Cabrera, and K. A. Ellenbogen, “Anatomy of the cardiac conduction system,” *PACE - Pacing Clin. Electrophysiol.*, vol. 44, no. 1, pp. 15–25, 2021, doi: 10.1111/pace.14107.
- [25] A. Perpustakaan, U. Airlangga, S. Rancang, and B. Elektrokardiograf, “ADLN Perpustakaan Universitas Airlangga,” 2012.
- [26] D. C. Bartos, E. Grandi, and C. M. Ripplinger, “Ion channels in the heart,” *Compr. Physiol.*, vol. 5, no. 3, pp. 1423–1464, 2015, doi: 10.1002/cphy.c140069.
- [27] J. H. van Weerd and V. M. Christoffels, “The

- formation and function of the cardiac conduction system,” *Dev.*, vol. 143, no. 2, pp. 197–210, 2016, doi: 10.1242/dev.124883.
- [28] P. Setiawan, “Laporan tugas akhir rancang bangun elektrokardiograf berbasis komputer,” 2016.
- [29] M. Kelainan and F. Kerja, “ANALISA DETEKSI GELOMBANG QRS UNTUK MENENTUKAN KELAINAN FUNGSI KERJA JANTUNG Evrita Lusiana Utari,” pp. 27–37.
- [30] B. Tutuko *et al.*, “Short Single-Lead ECG Signal Delineation-Based Deep Learning: Implementation in Automatic Atrial Fibrillation Identification,” *Sensors*, vol. 22, no. 6, 2022, doi: 10.3390/s22062329.
- [31] P. M. Vibhute and M. S. Deshpande, *Optical Character Recognition (OCR) of Marathi*, no. April. Springer Singapore, 2018.
- [32] “Electrocardiograph (ECG _ EKG) – Sensors, Instrumentation & Electronics.” .
- [33] A. A. Willa Olivia, “Rancang Bangun Kalibrator

Elektrokardiogram,” *Sinusoida*, vol. 19, no. 2, 2017.

- [34] S. Ahmed, S. Millat, M. A. Rahman, S. N. Alam, and M. S. R. Zishan, “Wireless health monitoring system for patients,” *2015 IEEE Int. WIE Conf. Electr. Comput. Eng. WIECON-ECE 2015*, pp. 164–167, 2016, doi: 10.1109/WIECON-ECE.2015.7443888.
- [35] G. D. Gargiulo *et al.*, “On the einthoven triangle: A critical analysis of the single rotating dipole hypothesis,” *Sensors (Switzerland)*, vol. 18, no. 7, 2018, doi: 10.3390/s18072353.
- [36] J. Francis, “ECG monitoring leads and special leads,” *Indian Pacing Electrophysiol. J.*, vol. 16, no. 3, pp. 92–95, 2016, doi: 10.1016/j.ipej.2016.07.003.
- [37] A. GHAFFAR, “Clinical electrocardiography.,” *Pak. J. Health*, vol. 3, no. 1, pp. 6–12, 1953.
- [38] T. C. Lu, P. Liu, X. Gao, and Q. Y. Lu, “A portable ECG monitor with low power consumption and

- small size based on AD8232 chip,” *Appl. Mech. Mater.*, vol. 513–517, pp. 2884–2887, 2014, doi: 10.4028/www.scientific.net/AMM.513-517.2884.
- [39] R. Hariri, L. Hakim, and R. F. Lestari, “Sistem Monitoring Detak Jantung Menggunakan Sensor AD8232 Berbasis Internet of Things,” *J. Telekomun. dan Komput.*, vol. 9, no. 3, p. 164, 2019, doi: 10.22441/incomtech.v9i3.7075.
- [40] A. Sula’;, A. Sula’, A. Michael, and J. Rusman, “Analysis of Quality of Service on Campus 2 Internet Network at Toraja Christian University of Indonesia,” *Infin. UKI Toraja Teknol. Inf.*, vol. 1, no. 2, 2021.
- [41] R. Wulandari, “QoS (Quality of Service) Analysis on Internet Networks,” *J. Tek. Inform. dan Sist. Inf.*, vol. 2, no. 2, pp. 162–172, 2016.