

DAFTAR PUSTAKA

- [1] L. Skripsi, S. Monitor, B. Personal, E. D. A. N. Detak, and B. I. Ulumiddiniyah, “Oleh :,” 2020.
- [2] S. HADIYOSO, M. JULIAN, A. RIZAL, and S. AULIA, “Pengembangan Perangkat EKG 12 Lead dan Aplikasi Client-Server untuk Distribusi Data,” *ELKOMIKA J. Tek. Energi Elektr. Tek. Telekomun. Tek. Elektron.*, vol. 3, no. 2, p. 91, 2015, doi: 10.26760/elkomika.v3i2.91.
- [3] D. Wicaksono, B. G. Irianto, and S. Lutfi, “ELEKTROKARDIOGRAF (EKG) 12 LEAD TAMPIL PC (BIDANG FRONTAL),” 2015.
- [4] P. Bhatnagar, K. Wickramasinghe, J. Williams, M. Rayner, and N. Townsend, “The epidemiology of cardiovascular disease in the UK 2014,” *Heart*, vol. 101, no. 15, pp. 1182–1189, 2015, doi: 10.1136/heartjnl-2015-307516.
- [5] B. Campbell, D. Richley, C. Ross, and C. Eggett, “Clinical Guidelines by Consensus. Recording a Standard 12-Lead Electrocardiogram.,” *Soc. Cardiol. Sci. \& Technol.*, no. September, p. 25, 2017, [Online]. Available: http://www.scst.org.uk/resources/SCST_ECG_Recording_Guidelines_2017.
- [6] M. A. Serhani, H. T. El Kassabi, H. Ismail, and A. N. Navaz, “ECG monitoring systems: Review, architecture, processes, and key challenges,”

Sensors (Switzerland), vol. 20, no. 6, 2020, doi:
10.3390/s20061796.

- [7] Y. D. Lee and W. Y. Chung, “Wireless sensor network based wearable smart shirt for ubiquitous health and activity monitoring,” *Sensors Actuators, B Chem.*, vol. 140, no. 2, pp. 390–395, 2009, doi: 10.1016/j.snb.2009.04.040.
- [8] V. Octaviani, A. Kurniawan, Y. Kusnendar Suprapto, and A. Zaini, “Alerting System for Sport Activity Based on ECG Signals using Proportional Integral Derivative,” *Proceeding Electr. Eng. Comput. Sci. Informatics*, vol. 4, no. 1, 2017, doi: 10.11591/eecsi.v4.1005.
- [9] G. Valenza *et al.*, “Predicting Mood Changes in Bipolar Disorder Through Heartbeat Nonlinear Dynamics,” *IEEE J. Biomed. Heal. Informatics*, vol. 20, no. 4, pp. 1034–1043, 2016, doi: 10.1109/JBHI.2016.2554546.
- [10] J. Arief, “Elektrokardiograf Berbasis Pc (Pc Based Ecg),” 2007.
- [11] J. Utama, “Electrocardiogram (ECG) dengan Noise Reduction Berbasis Wavelet Menggunakan Pemrograman LabVIEW Electrocardiogram (ECG) with Noise Reduction Based on Wavelet Using LabVIEW Programming,” vol. 1, no. 1, pp. 40–45, 2013.
- [12] A. Surtono and G. A. Pauzi, “Sistem Instrumentasi Akuisisi Data EKG 12 Lead Berbasis Komputer,”

vol. 04, no. 01, pp. 67–76, 2016.

- [13] Y. Lin and M. Sriyudthsak, “Design and Development of Standard 12-Lead ECG Data Acquisition and Monitoring System,” *Procedia Comput. Sci.*, vol. 86, no. March, pp. 136–139, 2016, doi: 10.1016/j.procs.2016.05.034.
- [14] R. A. Rachman, I. D. G. H. Wisana, and P. C. Nugraha, “Development of a Low-Cost and Efficient ECG devices with IIR Digital Filter Design,” *Indones. J. Electron. Electromed. Eng. Med. informatics*, vol. 3, no. 1, pp. 21–28, 2021, doi: 10.35882/ijeeemi.v3i1.4.
- [15] P. Dedhia, H. Doshi, M. Rane, and G. Ahuja, “Low cost solar ECG with Bluetooth transmitter,” *2012 Int. Conf. Biomed. Eng. ICoBE 2012*, no. February, pp. 419–423, 2012, doi: 10.1109/ICoBE.2012.6179050.
- [16] D. Lucani, G. Cataldo, J. Cruz, G. Villegas, and S. Wong, “A portable ECG monitoring device with Bluetooth and Holter capabilities for telemedicine applications,” *Annu. Int. Conf. IEEE Eng. Med. Biol. - Proc.*, no. May, pp. 5244–5247, 2006, doi: 10.1109/IEMBS.2006.260798.
- [17] H. ChuDuc, K. NguyenPhan, and D. NguyenViet, “A Review of Heart Rate Variability and its Applications,” *APCBEE Procedia*, vol. 7, no. October 2014, pp. 80–85, 2013, doi: 10.1016/j.apcbee.2013.08.016.

- [18] M. Sampson and A. McGrath, “Understanding the ECG. Part 1: Anatomy and physiology,” *Br. J. Card. Nurs.*, vol. 10, no. 11, pp. 548–554, 2015, doi: 10.12968/bjca.2015.10.11.548.
- [19] S. Hadiyoso, K. Usman, A. Rizal, and R. Sigit, “Microcontroller-based Mini Wearable ECG Design Desain Mini wearable ECG Berbasis Mikrokontroler,” *Inkom*, vol. 7, no. 2, pp. 1–8, 2013.
- [20] N. A. Jaenal Arifin1) and 1)Program, “Pengolahan Citra Pada Sinyal Ekg,” *Media Elektr.*, vol. 11, no. 1, pp. 27–33, 2019.
- [21] W. Kester, W. Jung, and J. Bryant, “Instrumentation Amplifiers,” *Op Amp Appl. Handb.*, pp. 123–149, 2005, doi: 10.1016/B978-075067844-5/50121-1.
- [22] A. S. Putra, “Manual Report & Integrated Development Environment Borland Delphi 7.0,” pp. 1–3.