DAFTAR PUSTAKA

[1] T. Nguyen, "Estimation Of The Relationship Between ECG and SpO2 Signals Of Human," no. March, 2020.

[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] 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. **[*]**

[4] H. Ali, H. H. Naing, and R. Yaqub, "An iot assisted real-time high cmrr wireless ambulatory ecg monitoring system with arrhythmia detection," *Electron.*, vol. 10, no. 16, pp. 1–27, 2021, doi: 10.3390/electronics10161871. **[*]**

[5] Y. Suryana and R. Aziz, "Sistem Pemonitor Detak Jantung Portable Menggunakan Tiga Sensor Elektroda," *J. Al-AZHAR Indones. SERI SAINS*

DAN Teknol., vol. 4, no. 1, p. 14, 2018, doi: 10.36722/sst.v4i1.240. **[*]**

[6] S. Sahoo, M. Dash, S. Behera, and S. Sabut, "Machine Learning Approach to Detect Cardiac Arrhythmias in ECG Signals : A Survey," *IRBM*, vol. 1, pp. 1–10, 2020, doi: 10.1016/j.irbm.2019.12.001. **[*]**

[7] S. M. Ahsanuzzaman, T. Ahmed, and M. A. Rahman, "Low Cost, Portable ECG Monitoring and Alarming System Based on Deep Learning," *2020 IEEE Reg. 10 Symp. TENSYMP 2020*, no. June, pp. 316–319, 2020, doi: 10.1109/TENSYMP50017.2020.9231005. **[*]**

[8] H. T. Haverkamp, S. O. Fosse, and P. Schuster, "Accuracy and usability of single-lead ECG from smartphones - A clinical study," *Indian Pacing Electrophysiol. J.*, 2019, doi: 10.1016/j.ipej.2019.02.006. **[*]**

[9] G. Cosoli, S. Spinsante, F. Scardulla, L. D. Acquisto, and L. Scalise, "Wireless ECG and cardiac monitoring systems : State of the art ,

available commercial devices and useful electronic components," *Measurement*, vol. 177, no. December 2020, p. 109243, 2021, doi: 10.1016/j.measurement.2021.109243. **[*]**

[10] M. Collotta, G. Pau, T. Talty, and O. K. Tonguz, "Bluetooth 5: A Concrete Step Forward toward the IoT," *IEEE Commun. Mag.*, vol. 56, no. 7, pp. 125–131, 2018, doi: 10.1109/MCOM.2018.1700053. **[*]**

[11] ESP, "ESP32 Series Datasheet," *Espr. Syst.*, pp. 1–65, 2021.

[12] L. Agustine, "Heart Rate Monitoring Device for Arrhythmia Using Pulse Oximeter Sensor Based on Android," *2018 Int. Conf. Comput. Eng. Netw. Intell. Multimed.*, pp. 106–111. **[*]**

[13] U. Ghadge, A. S. Jadhav, and P. Mahalakshmi, "ECG Tracking and Analysis Using Bluetooth and Support Vector Machine Algorithm," *2019 Innov. Power Adv. Comput. Technol. i-PACT 2019*, pp. 1–4, 2019, doi: 10.1109/i-PACT44901.2019.8960237. **[*]**

[14] F. C. Argatu, F. C. Adochiei, I. R. Adochiei, R. Ciucu, V. Vasiliki, and G. Seritan, “A scalable real-time biomonitoring platform,” *2019 7th E-Health Bioeng. Conf. EHB 2019*, pp. 23–26, 2019, doi: 10.1109/EHB47216.2019.8970064. **[*]**

[15] M. A. Burhanuddin *et al.*, “The Design of Low-Cost Patient Monitor Based on Computer,” *Proc. - 2019 Int. Semin. Appl. Technol. Inf. Commun. Ind. 4.0 Retrosp. Prospect. Challenges, iSemantic 2019*, pp. 405–410, 2019, doi: 10.1109/ISEMANTIC.2019.8884346. **[*]**

[16] W. J. Iskandar, I. Roihan, and R. A. Koestoer, “Prototype low-cost portable electrocardiogram (ECG) based on Arduino- Uno with Bluetooth feature Prototype Low-cost Portable Electrocardiogram (ECG) Based on Arduino-Uno with Bluetooth Feature,” vol. 050019, no. December, 2019. **[*]**

[17] R. Kher, B. Thakker, N. Gandhi, and J. Patel, “Ambulatory ECG Recording System Based on ADS 1298 and STM32L431xx Microcontroller,”

Int. J. Simul. Syst. Sci. Technol., pp. 1–6, 2019, doi: 10.5013/ijssst.a.20.05.03. **[*]**

[18] J. Karnadi, I. Roihan, and R. A. Koestoer, "Mini patient health monitor with heartrate , oxygen saturation , and body temperature parameter in affordable cost ' s development for COVID-19 pretest Mini Patient Health Monitor with Heartrate , Oxygen Saturation , and Body Temperature Parameter in Affo," vol. 030001, 2021. **[*]**

[19] V. MIRON-ALEXE, "Mobile Cardiac Telemetry System for Isolated Immunosuppressed Patients," *J. Sci. Arts*, vol. 21, no. 2, pp. 597–606, 2021, doi: 10.46939/j.sci.arts-21.2-c03. **[*]**

[20] Z. Ar, O. Al, and A. Ap, "COVID-19 pandemic management : a multi- parameter portable healthcare monitoring device," no. November, 2021, doi: 10.15406/ijbsbe.2021.07.00224. **[*]**

[21] F. Ramadhan and W. K. Raharja, "Design of Telemonitoring Medical Record of Cardiac Arrhythmia Patients Based on RFID and WEB," no. September, pp. 81–84, 2018. **[*]**

[22] J. C, “Pengertian Jantung,” no. September 2011, pp. 1–8, 2012.

[23] T. Rewari, S. Balakumar, T. Chobe, and M. Deshpande, “LOCATION BASED REMOTE ECG MONITORING,” no. 2, pp. 1456–1461, 2020. **[*]**

[24] G. R. Graham, “Textbook of Human Physiology,” *Bmj*, vol. 1, no. 5277, pp. 531–532, 1962, doi: 10.1136/bmj.1.5277.531-b.

[25] A. Perpustakaan, U. Airlangga, S. Rancang, and B. Elektrokardiograf, “ADLN Perpustakaan Universitas Airlangga,” 2012.

[26] P. Setiawan, “Laporan tugas akhir rancang bangun elektrokardiograf berbasis komputer,” 2016.

[27] M. Kelainan and F. Kerja, “ANALISA DETEKSI GELOMBANG QRS UNTUK MENENTUKAN KELAINAN FUNGSI KERJA JANTUNG Evrita Lusiana Utari,” pp. 27–37.

[28] P. Kanakaraja, K. Krishna, I. Pratyush, M. R. Krishna, and B. Sai, “Telehealth Patient

Monitoring System," *Int. J. Recent Technol. Eng.*, vol. 8, no. 4, pp. 8005–8012, 2019, doi: 10.35940/ijrte.d4391.118419. **[*]**

[29] V. H. Goh, K. X. Ng, J. Wai, T. Teoh, and J. H. Lim, "Home-based Electrocardiogram Monitoring Device with Google Technology and Bluetooth Wireless Communication," vol. 2019, no. March 2019. **[*]**

[30] C. Series, "Abnormalities State Detection from P-Wave , QRS Complex , and T- Wave in Noisy ECG Abnormalities State Detection from P-Wave , QRS Complex , and T-Wave in Noisy ECG," 2019, doi: 10.1088/1742-6596/1230/1/012015. **[*]**

[31] G. Sannino and G. De Pietro, "A Deep Learning Approach for ECG-based Heartbeat Classification for Arrhythmia Detection," *Futur. Gener. Comput. Syst.*, 2018, doi: 10.1016/j.future.2018.03.057. **[*]**

[32] P. M. Vibhute and M. S. Deshpande, *Optical Character Recognition (OCR) of Marathi*, no. April. Springer Singapore, 2018.

[33] V. Mondéjar-Guerra, J. Novo, J. Rouco, M. G. Penedo, and M. Ortega, “Heartbeat classification fusing temporal and morphological information of ECGs via ensemble of classifiers,” *Biomed. Signal Process. Control*, vol. 47, no. August, pp. 41–48, 2019, doi: 10.1016/j.bspc.2018.08.007. **[*]**

[34] “Electrocardiograph (ECG _ EKG) – Sensors, Instrumentation & Electronics.” .

[35] A. Samol, K. Bischof, B. Luani, D. Pascut, M. Wiemer, and S. Kaese, “Single-Lead ECG Recordings Including Einthoven Patient Directed Early ECG Di ff erential Diagnosis of Cardiac Diseases ?,” 2019.

[36] A. A. Willa Olivia, “Rancang Bangun Kalibrator Elektrokardiogram,” *Sinusoida*, vol. 19, no. 2, 2017. **[*]**

[37] Safri, W. N. Dewi, and Erwin, “Analysis of electrocardiogram recording lead II in patients with cardiovascular disease,” *Enferm. Clin.*, vol. 29, pp. 23–25, 2019, doi: 10.1016/j.enfcli.2018.11.011. **[*]**

[38] A. GHAFFAR, “Clinical electrocardiography.,” *Pak. J. Health*, vol. 3, no. 1, pp. 6–12, 1953.

[39] Espressif, “ESP32 Series Datasheet,” *Espr. Syst.*, pp. 1–61, 2019.

[40] “RoboRemo v2.3.5 User Manual.”

[41] U. A. Ramadhani, I. D. G. H. Wisana, and P. C. Nugraha, “Smartphone Based Respiratory Signal monitoring and Apnea detection Via Bluetooth Comunication,” *J. Teknokes*, vol. 14, no. 2, pp. 49–55, 2021, doi: 10.35882/teknokes.v14i2.1. **[*]**