

DAFTAR PUSTAKA

- [1] K. S. Pavithra, X. Anitha Mary, K. Rajasekaran, and R. Jegan, "Low Cost Non-Invasive Medical Device for Measuring Hemoglobin," *Proc. IEEE Int. Conf. Innov. Electr. Electron. Instrum. Media Technol. ICIEEIMT 2017*, vol. 2017–January, pp. 197–200, 2017.
- [2] S. Chugh and J. Kaur, "Non-invasive hemoglobin monitoring device," *2015 Int. Conf. Control. Commun. Comput. India, ICCCI 2015*, no. November, pp. 380–383, 2016.
- [3] Muhammad Reza, "Perancangan dan Implementasi Alat Ukur Kadar Hemoglobin Darah secara *Non-Invasive* berbasis Arduino". Bandung: Universitas Telkom, 2018.
- [4] O. S. Non-invasive and P. Y. Mallo, "Rancang Bangun Alat Ukur Kadar Hemoglobin dan Oksigen Dalam Darah dengan Sensor Oximeter Secara Non-Invasive," *E-Journal Tek. Elektro Dan Komputer.*, vol. 1, no. 1, 2012.
- [5] Y. Shaikh, V. K. Parvati, and S. R. Biradar, "Survey of smart healthcare systems using internet of things (IoT) : (Invited paper)," *Proc. 2018 Int. Conf. Commun. Comput. Internet Things, IC3IoT 2018*, vol. 6, pp. 508–513, 2019.
- [6] Bharati Wukkadada ; Kirti Wankhede ; Ramith Nambiar ; Amala Nair, "Comparison with HTTP and MQTT In Internet of Things (IoT) - IEEE Conference Publication," *2018 Int. Conf. Inven. Res. Comput. Appl. (ICIRCA 2018)*, no. Icirca, pp. 249–253, 2018.
- [7] G. Suprianto, "Implementation of Distributed Consensus Algorithms for Wireless Sensor Network Using NodeMCU ESP8266," *2018 Electr. Power, Electron. Commun. Control. Informatics Semin.*, no. 3, pp. 192–196, 2018.
- [8] Maximintegrated, "Max30100," *Lect. Notes Energy*, vol. 38, pp. 11–37, 2014.
- [9] J. Wan, Y. Zou, Y. Li, and J. Wang, "Reflective type blood oxygen saturation detection system based on MAX30100," *2017 Int. Conf. Secur. Pattern Anal. Cybern. SPAC 2017*, vol. 2018–January, no. 4, pp. 615–619, 2018.

- [10] Arduino IDE. 2019. "Arduino IDE dan Arduino Sketch" [online]. Available : <https://allgoblog.com> [Accessed: 23-juli-2019]
- [11] R. Kiruthika and A. Umamakeswari, "Low cost pollution control and air quality monitoring system using Raspberry Pi for Internet of Things," *2017 Int. Conf. Energy, Commun. Data Anal. Soft Comput. ICECDS 2017*, pp. 2319–2326, 2018.
- [12] R. Wulandari, "Analisis Quality of Service (QoS) pada jaringan internet studi kasus : UPT Lokauji Teknik Penambangan Jampang Kulonprogo - LIPI," vol. 2, pp. 162–172, 2016.
- [13] N. A. Al-sammarraie, "Classification and diagnosis using back propagation Artificial Neural Networks (ANN) algorithm," *2018 Int. Conf. Smart Comput. Electron. Enterp.*, pp. 1–5, 2018.
- [14] C. Dewi and M. Muslikh, "Perbandingan Akurasi Backpropagation Neural Network dan ANFIS Untuk Memprediksi Cuaca," *J. Sci. Model. Comput.*, vol. 1, no. 1, pp. 7–13, 2013.
- [15] Julpan, E. B. Nababan, and M. Zarlis, "Analisis Fungsi Aktivasi Sigmoid Biner Dan Sigmoid Bipolar Dalam Algoritma *Backpropagation* Pada Prediksi Kemampuan Siswa," *J. Teknovasi*, vol. 02, no. 1, pp. 103–116, 2015.
- [16] G. Reinhard, V. Jesper, and S. Stefan, "Industry 4.0: Building the digital enterprise," *2016 Glob. Ind. 4.0 Surv.*, pp. 1–39, 2016.
- [17] Python. 2018. "What is Python? Executive Summary." [Online] <https://www.python.org/doc/essays/blurp/>. [Diakses: 26 Desember 2018].
- [18] Getting Started with MIT App Inventor. 2019 " Getting started with MIT app inventor." [Online] <https://appinventor.mit.edu/explore/get-started> [Diakses: 26 Desember 2019].
- [19] McPherson, R. A., & Pincus, M. R. (2011). *Henry's Clinical Diagnosis and Management by Laboratory Methods* (22 ed.). Philadelphia:Saunder Elsevier