

Daftar Pustaka

- [1] P2PTM Kementerian Kesehatan RI, “Infodatin 2020 Diabetes Melitus,” 2020.
- [2] International Diabetes Federation, “IDF Diabetes Atlas 10th edition,” vol. 10, 2021, [Online]. Available: www.diabetesatlas.org
- [3] D. Harry Matheus and M. Rosmiati, “PERANCANGAN DAN IMPLEMENTASI ALAT PENGUKUR GULA DARAH DAN TEKANAN DARAH BERBASIS ARDUINO (Designed and Implementation of Arduino-Based Blood Sugar Measuring and Blood Pressure),” *e-Proceeding of Applied Science*, vol. 7, no. 6, p. 2890, 2021.
- [4] T. Nurmar’atin, H. Sumarti, and A. Wulandari, “VALIDASI ALAT UKUR KADAR GULA DARAH SECARA NON-INVASIVE MENGGUNAKAN SENSOR TCRT5000 UNTUK MENGURANGI LIMBAH MEDIS,” *Jurnal Inovasi dan Pembelajaran Fisika*, vol. 9, pp. 51–61, 2022.
- [5] S. O. Aulia, W. Wirasa, and F. Yugi Hermawan, “Design of A Non–Invasive Blood Sugar Measuring Device Based on Arduino Uno,” *SANITAS: Jurnal Teknologi dan Seni Kesehatan*, vol. 13, no. 1, pp. 21–32, Jun. 2022, doi: 10.36525/sanitas.2022.3.
- [6] I. Dendy Arta and M. Rosmiati, “MONITORING SISTEM PENDETEKSI KADAR GULA DARAH MENGGUNAKAN PHOTODIODA BERBASIS WEB,” *e-Proceeding of Applied Science*, vol. 6, no. 2, p. 3325, 2020.
- [7] P. Endokrinologi Indonesia PEDOMAN PENGELOLAAN DAN PENCEGAHAN DIABETES MELITUS TIPE, “PEDOMAN PENGELOLAAN DAN PENCEGAHAN DIABETES MELITUS TIPE 2 DEWASA DI INDONESIA-2021 PERKENI i Penerbit PB. PERKENI.”
- [8] N. Jendrike, A. Baumstark, U. Kamecke, C. Haug, and G. Freckmann, “ISO 15197: 2013 Evaluation of a Blood Glucose Monitoring

- System's Measurement Accuracy," *Journal of Diabetes Science and Technology*, vol. 11, no. 6. SAGE Publications Inc., pp. 1275–1276, Nov. 01, 2017. doi: 10.1177/1932296817727550.
- [9] A. Novianto, "ABSTRACT DESIGN OF NON-INVASIVE BLOOD SUGAR MEASUREMENT USING DS-100A OXIMETER SENSOR BASED ON MICROCONTROLLER NODEMCU ESP 8266," 2019.
- [10] U. Mahanin Tyas, A. Apri Buckhari, P. Studi Pendidikan Teknologi Informasi, and P. Studi Pendidikan Teknologi dan Kejuruan, "IMPLEMENTASI APLIKASI ARDUINO IDE PADA MATA KULIAH SISTEM DIGITAL," 2023.
- [11] D. Biswas, N. Simoes-Capela, C. Van Hoof, and N. Van Helleputte, "Heart Rate Estimation from Wrist-Worn Photoplethysmography: A Review," *IEEE Sens J*, vol. 19, no. 16, pp. 6560–6570, Aug. 2019, doi: 10.1109/JSEN.2019.2914166.
- [12] S. H. Liu, R. X. Li, J. J. Wang, W. Chen, and C. H. Su, "Classification of photoplethysmographic signal quality with deep convolution neural networks for accurate measurement of cardiac stroke volume," *Applied Sciences (Switzerland)*, vol. 10, no. 13, Jul. 2020, doi: 10.3390/app10134612.
- [13] K. Daya *et al.*, "PERANCANGAN LAMPU LED BESERTA ANALISIS," 2021.
- [14] Dahl Russ, "Wavelength Availability and Efficiency Considerations," Opto Diode Corporation. [Online]. Available: <http://www.photonics.com/Content/ReadArticle.aspx?ArticleID=35198>
- [15] B. Fachrunsyah, A. Sugiharto, and D. Y. Dewanto, "PERANCANGAN SISTEM PENGAMANAN MOBIL MENGGUNAKAN SENSOR PHOTODIODA." 2021.
- [16] Daryanto, *Teori Umum Teknik Elektronika*. Jakarta Timur: Bumi Aksara, 2023.

- [17] S. Pd. , M. E. Irma Yulia Basri and S. Pd. , M. K. Dr. Dedy Irfan, *KOMPONEN ELEKTRONIKA*. Padang: SUKABINA Press, 2018.
- [18] Iskandar Jaelani, MT. , Sherwin R.U.A.Sompie ST., and M. E. Dringhuzen J. Mamahit ST., “Rancang Bangun Rumah Pintar Otomatis Berbasis Sensor Suhu, Sensor Cahaya, Dan Sensor Hujan,” *E-Journal Teknik Elektro dan Komputer*, vol. 5, Jan. 2016.
- [19] A. Sander, Rusidi, and Defi Pujianto, “MEMBANGUN PERANGKAT BILIK MASKER OTOMATIS UNTUK PENCEGAHAN COVID-19,” 2022.
- [20] M. Taufik Al Khaledi, Nasri, and Hanafi, “RANCANG BANGUN SISTEM RUMAH PINTAR MENGGUNAKAN PLATFORM GOOGLE FIREBASE BERBASIS IoT (INTERNET of THINGS),” *194 ■ JURNAL TEKTRONIKA*, vol. 06, no. 02, 2022.
- [21] M. A. Ukarande, M. Y. Galve, M. K. Chvan, M. R. Chavan, and M. Dhiraj Adsul, “Smart Farming System Using IOT,” 2022. [Online]. Available: www.ijres.org
- [22] R. Sharpe, E. Warnicke, and U. Lamping, *Wireshark User's Guide Version 4.2.0 Preface Foreword*. 2023. [Online]. Available: <https://gitlab.com/wireshark/wireshark/-/wikis/>.
- [23] M. Hasbi and N. R. Saputra, “ANALISIS QUALITY OF SERVICE (QOS) JARINGAN INTERNET KANTOR PUSAT KING BUKOPIN DENGAN MENGGUNAKAN WIRESHARK,” 2021. [Online]. Available: <https://jurnal.umj.ac.id/index.php/just-it/index>
- [24] I. Fauzy and M. Rachmat, “QUALITY OF SERVICE (STUDI KASUS: CAFÉ ILHAM),” vol. 9, no. 1, 2021.
- [25] I. Yuan Avisena, W. Kurniawan, M. Hannats, and H. Ichsan, “Monitoring Kualitas Air Tambak dengan Fitur Plug and Play dengan Metode State Machine,” 2019. [Online]. Available: <http://j-ptiik.ub.ac.id>