

REFERENSI

- [1] E. Sandya, D. Ratna, and D. Puspitasari, “Neuroprotektif pada Kehamilan Prematur,” *J Agromedicine Unila* |, vol. 5, p. 606, 2018.
- [2] R. Abi, Z. Daou, F. Maalouf, and C. Geagea, “Design of a low cost equipment that may limit Sudden Infant Death Syndrome,” in *International Conference on Advances in Biomedical Engineering (ICABME)*, 2017, pp. 1–4.
- [3] S. Brangui, M. El Kihal, and Y. Salih-Alj, “An enhanced noise cancelling system for a comprehensive monitoring and control of baby environments,” *Proc. 2015 Int. Conf. Electr. Inf. Technol. ICEIT 2015*, pp. 404–409, 2015, doi: 10.1109/EITech.2015.7162982.
- [4] K. Psaila, F. Jp, N. Pulbrook, and J. He, “Infant pacifiers for reduction in risk of sudden infant death syndrome (Review),” *Chorane Libr.*, no. 4, pp. 1–19, 2017, doi: 10.1002/14651858.CD011147.pub2.www.cochranelibrary.com.
- [5] A. G. Ferreira, D. Fernandes, S. Branco, J. L.

- Monteiro, and J. Cabral, “A Smart Wearable System for Sudden Infant Death Syndrome Monitoring,” *IEEE*, pp. 1920–1925, 2016.
- [6] Y. Montreal, “Ambient Heat and Sudden Infant Death: A Case-Crossover Study Spanning,” *J. Environ. Heal. Perspect.*, vol. 712, no. 7, pp. 712–716, 2015.
- [7] T. J. Mathews and M. F. MacDorman, “Infant mortality statistics from the 2010 period linked birth/infant death data set,” *Natl. Vital Stat. Reports*, vol. 62, no. 8, 2013.
- [8] E. T. Pierce, V. Kumar, H. Zheng, and R. A. Peterfreund, “Medication and volume delivery by gravity-driven micro-drip intravenous infusion: Potential variations during ‘wide-open’ flow,” *Anesth. Analg.*, vol. 116, no. 3, pp. 614–618, 2013, doi: 10.1213/ANE.0b013e31827bc235.
- [9] Canyon Hydro *et al.*, “We are IntechOpen , the world ’ s leading publisher of Open Access books Built by scientists , for scientists TOP 1 %,” *Intech*, vol. 32, no. July, pp. 137–144, 2013.
- [10] M. F. Nurillah, B. G. Irianto, I. D. Gede, and H. Wisana, “Pemantauan Apnea Berbasis Internet of

Things dengan Notifikasi di Mobilephone,” *Tekno*, vol. 13, no. 2, pp. 81–90, 2020.

- [11] M. C. T. Manullang and N. Resfita, “IMPLEMENTASI PENGHITUNG LAJU RESPIRASI PADA SISTEM POLISOMNOGRAFI MENGGUNAKAN MIKROFON DAN ARDUINO NANO,” *J. Teknol. Terpadu*, vol. 7, no. 1, pp. 59–64, 2021.
- [12] R. Saatchi, D. Burke, and H. E. Elphick, “Respiration Rate Monitoring Methods: A Review,” *J. Pediatr. Pulmonol.*, no. June, pp. 1–48, 2011, doi: 10.1002/ppul.21416.
- [13] E. Sujatha, S. Soundararajan, J. S. J. Sundar, and G. Indumathi, “Sensor Based Automatic Neonate Respiration Monitoring System,” *Int. J. Innov. Technol. Explor. Eng.*, no. 2, pp. 1296–1299, 2019, doi: 10.35940/ijitee.A4463.129219.
- [14] S. Kumar and P. Agrawal, “IoT based diagnosing of Heart rate and Sp / O₂ saturation level,” *STM J.*, no. January 2014, pp. 1–5, 2020.
- [15] Q. Hayes, “Heart Rate Monitoring in Newborn Babies – Challenges and Opportunities,” *J. Neonat. Stud.*, vol. 3, pp. 1–2, 2020.

- [16] Eko, “RANCANG BANGUN SISTEM INSTRUMENTASI MONITORING PERNAPASAN MANUSIA DENGAN SENSOR PLASTIC OPTIC FIBRE (POF) BERBASIS USER INTERFACE ANDROID,” 2016.
- [17] WHO, *Manajemen Masalah Bayi Baru Lahir*. 2019.
- [18] S. Perrone *et al.*, “Sudden Infant Death Syndrome : Beyond Risk Factors,” *J. life*, pp. 1–14, 2021.
- [19] P. M. A. Siren, “SIDS – CDF Hypothesis Revisited : Cause vs . Contributing Factors,” *J. Front. Neurol.*, vol. 7, no. January, pp. 1–5, 2017, doi: 10.3389/fneur.2016.00244.
- [20] E. A. Haas, H. C. Kinney, C. Stanley, and H. F. Krous, “Risk Factor Changes for Sudden Infant Death Syndrome After Initiation of Back-to-Sleep Campaign,” *J. Univ. Michigan*, pp. 630–638, 2015, doi: 10.1542/peds.2011-1419.
- [21] S. A. Elwasefy, G. Gad, S. Ebrahim, D. A. Said, and S. A. Allah, “Effect of Preventive Updating Guidelines on Improving Nurses ’ Knowledge and Practice toward Sudden Infant Death Syndrome in Neonatal Inte ... Homepage :

- <http://innovativejournal.in/index.php/ijnd> Effect of Preventive Updating Guidelines on Improving Nurs,” *Int. J. Nurs. Didact.*, no. October, pp. 21–30, 2020.
- [22] P. Dan and U. Kehamilan, “Perbedaan frekuensi denyut jantung janin berdasarkan paritas dan usia kehamilan,” *J. Siklus*, vol. 6, no. 1, pp. 195–198, 2017.
- [23] A. Shrivastav, E. S. P. Dev, and V. Kit, “Research Paper for Smart Home Automation System using ESP32 with Blynk , IR Remote & Manual control Relay , IoT Project,” *Int. J. Innov. Res. Electr. Electron. Instrum. Control Eng.*, vol. 9, no. 5, pp. 368–372, 2021, doi: 10.17148/IJIREEICE.2021.9565.
- [24] Espressif System, “ESP32 Series Datasheet,” *Espr. Syst.*, pp. 1–61, 2019, [Online]. Available: https://www.espressif.com/sites/default/files/documentation/esp32_datasheet_en.pdf.
- [25] A. N. O. E. Man, “APLIKASI PENILAIAN RAPORT PADA MTSN 21 JAKARTA,” *J. Tek. Inform.*, no. 1, pp. 1–13, 2019.
- [26] T. M. Tukade and R. M. Banakar, “Data Transfer Protocols in IoT-An Overview,” *Int. J. Pure Appl. Math.*, vol. 118, no. 16, pp. 121–138, 2018.

- [27] K. Venusamy and A. S. Musannah, *Renewable Energy with IoT and Biomedical Applications*, no. September. 2021.
- [28] I. Lee and K. Lee, “The Internet of Things (IoT): Applications, investments, and challenges for enterprises,” *Bus. Horiz.*, vol. 58, no. 4, pp. 431–440, 2015, doi: 10.1016/j.bushor.2015.03.008.
- [29] D. I. Shin, S. J. Huh, T. S. Lee, and I. Y. Kim, “Web-based remote monitoring of infant incubators in the ICU,” *Int. J. Med. Inform.*, vol. 71, no. 2–3, pp. 151–156, 2003, doi: 10.1016/S1386-5056(03)00095-9.
- [30] L. Ding and X. Wang, “Design of a web-based temperature and humidity monitoring system,” *2011 2nd Int. Conf. Artif. Intell. Manag. Sci. Electron. Commer. AIMSEC 2011 - Proc.*, pp. 2028–2030, 2011, doi: 10.1109/AIMSEC.2011.6010968.
- [31] A. R. Nimodiya and S. S. Ajankar, “A Review on Internet of Things,” *Int. J. Adv. Res. Sci. Commun. Technol.*, vol. 113, no. 1, pp. 135–144, 2022, doi: 10.48175/ijarsct-2251.
- [32] R. Firmansyah, A. Widodo, A. D. Romadhon, M. S. Hudha, P. P. S. Saputra, and N. A. Lestari, “The prototype of infant incubator monitoring system based on the internet of things using NodeMCU ESP8266,” *J. Phys. Conf. Ser.*, vol. 1171, no. 1, 2019, doi: 10.1088/1742-6596/1171/1/012015.
- [33] S. Adam, Stenly; Andolo, “2019 1st International Conference on Cybernetics and Intelligent System (ICORIS): Institut Teknologi dan Bisnis (ITB) STIKOM Bali, Indonesia, 22nd-23rd August 2019,” *2019 1st Int. Conf. Cybern. Intell. Syst.*, vol. 1, no. August, pp. 18–22, 2019.

- [34] U. Sa'Adah, J. Akhmad, and M. Hisyam, "Implementing Singleton method in design of MVC-based PHP framework," *Proc. - 2015 Int. Electron. Symp. Emerg. Technol. Electron. Information, IES 2015*, pp. 212–217, 2016, doi: 10.1109/ELECSYM.2015.7380843.
- [35] H. Zhao, H. Zhang, and Q. Chen, "The research of dynamic statistics chart based on MVC design pattern," *Conf. Proc. - 2014 Int. Conf. Syst. Sci. Eng. ICSSE 2014*, pp. 56–59, 2014, doi: 10.1109/ICSSE.2014.6887904.
- [36] J. Tongbai and S. Nuratch, "Temperature-Controlled Enclosures Using Networked Measurement and Real-time," *2020 5th Int. Conf. Control Robot. Eng. Des.*, pp. 95–98, 2020.
- [37] A. Singh, P. Chawla, K. Singh, and A. K. Singh, "Formulating an MVC Framework for Web Development in Java," *Proc. 2nd Int. Conf. Trends Electron. Informatics, ICOEI 2018*, no. Icoei, pp. 926–929, 2018, doi: 10.1109/ICOEI.2018.8553746.
- [38] M. S. Gadelrab and R. A. Abouhogail, "Towards a new generation of digital calibration certificate: Analysis and survey," *Meas. J. Int. Meas. Confed.*, vol. 181, no. May, p. 109611, 2021, doi: 10.1016/j.measurement.2021.109611.
- [39] T. Mustapaa, J. Autiosalo, P. Nikander, J. E. Siegel, and R. Viitala, "Digital Metrology for the Internet of Things," *GIoTS 2020 - Glob. Internet Things Summit, Proc.*, 2020, doi: 10.1109/GIOTS49054.2020.9119603.
- [40] Wang Zhihu, "Design of an internet-based calibration system," in *IET International Conference on Information Science and Control*

- Engineering 2012 (ICISCE 2012)*, 2012, vol. 17, pp. 1.65-1.65, doi: 10.1049/cp.2012.2322.
- [41] M. Jurčević, M. Boršić, R. Malarić, and H. Hegeduš, "Internet-enabled calibration services: Design of a secure calibration system," *IEEE Trans. Instrum. Meas.*, vol. 57, no. 9, pp. 2012–2018, 2008, doi: 10.1109/TIM.2008.919019.
 - [42] M. U. H. Al Rasyid, B. H. Lee, and A. Sudarsono, "Wireless body area network for monitoring body temperature, heart beat and oxygen in blood," *2015 Int. Semin. Intell. Technol. Its Appl. ISITIA 2015 - Proceeding*, pp. 95–98, 2015, doi: 10.1109/ISITIA.2015.7219960.
 - [43] M. A. Akkaş, R. SOKULLU, and H. Ertürk Çetin, "Healthcare and patient monitoring using IoT," *Internet of Things (Netherlands)*, vol. 11, no. 2020, p. 100173, 2020, doi: 10.1016/j.iot.2020.100173.
 - [44] N. Bin Kamarozaman and A. H. Awang, "IOT COVID-19 Portable Health Monitoring System using Raspberry Pi, Node-Red and ThingSpeak," pp. 107–112, 2021, doi: 10.1109/iswta52208.2021.9587444.
 - [45] N. N. Qomariyah, M. S. Astriani, and S. D. A. Asri, "IoT-based COVID-19 Patient Vital Sign Monitoring," pp. 127–131, 2021, doi: 10.1109/icitisee53823.2021.9655961.
 - 46] A. I. Paganelli *et al.*, "A conceptual IoT-based early-warning architecture for remote monitoring of COVID-19 patients in wards and at home," *Internet of Things (Netherlands)*, no. xxxx, p. 100399, 2022, doi: 10.1016/j.iot.2021.100399.

- [47] A. Fanani, B. G. Irianto, and A. Pudji, “Central Monitor Based On Personal Computer Using Single Wireless Receiver,” *Indones. J. Electron. Electromed. Eng. Med. informatics*, vol. 1, no. 1, pp. 45–49, 2019, doi: 10.35882/ijeeemi.v1i1.8.
- [48] S. Senthilkumar, K. Brindha, R. Charanya, and A. Kumar, “Patients health monitoring system using IOT,” *Indian J. Public Heal. Res. Dev.*, vol. 10, no. 4, pp. 252–256, 2019, doi: 10.5958/0976-5506.2019.00699.5.
- [49] I KOMANG YOGI MAHARDIKA, Bambang Guruh Irianto, Torib Hamzah, and S. Misra, “Central Monitor Based on Personal Computer Design with SpO2 and Body Temperature Parameters Using Wireless Xbee Pro,” *J. Electron. Electromed. Eng. Med. Informatics*, vol. 3, no. 1, pp. 35–43, 2021, doi: 10.35882/jeeemi.v3i1.6.
- [50] M. M. Ali, S. Haxha, M. M. Alam, C. Nwibor, and M. Sakel, “Design of Internet of Things (IoT) and Android Based Low Cost Health Monitoring Embedded System Wearable Sensor for Measuring SpO2, Heart Rate and Body Temperature Simultaneously,” *Wirel. Pers. Commun.*, vol. 111,

no. 4, pp. 2449–2463, 2020, doi: 10.1007/s11277-019-06995-7.

- [51] I. Allafi and T. Iqbal, “Design and implementation of a low cost web server using ESP32 for real-time photovoltaic system monitoring,” *2017 IEEE Electr. Power Energy Conf. EPEC 2017*, vol. 2017-Octob, pp. 1–5, 2018, doi: 10.1109/EPEC.2017.8286184.
- [52] S. Khairunnisa, I. D. Gede, H. Wisana, I. Priyambada, C. Nugraha, and J. T. Elektromedik, “Rancang Bangun Pulse Oximeter Berbasis Iot (Internet of Things),” *E-Journal Poltekkes Kemenkes Surabaya*, pp. 1–9, 2018.