

DAFTAR PUSTAKA

- [1] P. Yushananta and M. Ahyanti, “Risk Factors of Stunting in Children Aged 6–59 Months: A Case-Control Study in Horticulture Area,” *Open Access Maced. J. Med. Sci.*, vol. 10, no. E, pp. 1–5, 2022, doi: 10.3889/oamjms.2022.7768.
- [2] SSGI, “Hasil Survei Status Gizi Indonesia,” 2023. [Online]. Available: <https://promkes.kemkes.go.id/materi-hasil-survei-status-gizi-indonesia-ssgi-2022>.
- [3] T. Beal, A. Tumilowicz, A. Sutrisna, D. Izwardy, and L. M. Neufeld, “A review of child stunting determinants in Indonesia,” *Matern. Child Nutr.*, vol. 14, no. 4, p. e12617, Oct. 2018, doi: 10.1111/mcn.12617.
- [4] I. W. Pranata *et al.*, “Prevention of Stunting through Improving Maternal Parenting and Early Detection of Pregnancy Risk Factors,” *J. Pengabd. Masy. Bestari*, vol. 1, no. 9, pp. 1025–1034, 2022, doi: 10.55927/jpmb.v1i9.1977.
- [5] D. Eka Ristanti, D. Syauqy, and B. Henryranu Prasetio, “Early Stunting Detection System for Toddlers Based on Height and Weight Using

- Backpropagation Neural Network Method,” *J. Inf. Technol. Comput. Sci.*, vol. 7, no. 3, pp. 172–182, 2022, [Online]. Available: www.jitecs.ub.ac.id.
- [6] S. M. Erlandita and W. Indrasari, “Design baby mass and height monitoring system based on Arduino and Android application Design Baby Mass and Height Monitoring System Based on Arduino and Android Application,” vol. 030013, no. November 2019, 2021.
- [7] S. Bonaldo, L. D. Lago, F. D. Lago, E. Griggio, G. Putoto, and A. Paccagnella, “Portable Digital Stadiometer for Assessing the Degree of Childhood Malnutrition in Low-Income Countries,” 2021.
- [8] H. Qian, J. Liu, and Y. Wu, “A Self-Service Scheme of Infant Scale for Height and Weight,” *IEEE MTT-S 2019 Int. Microw. Biomed. Conf. IMBioC 2019 - Proc.*, pp. 24–26, 2019, doi: 10.1109/IMBIOC.2019.8777754.
- [9] I. Hudati, E. S. A. Nugroho, and N. D. Resty, “Implementasi Filter Kalman pada Sensor Jarak Berbasis Ultrasonik,” *J. List. Instrumentasi dan Elektron. Terap.*, vol. 2, no. 2, pp. 20–24, 2021, doi: 10.22146/juliet.v2i2.71147.

- [10] A. Ma'arif *et al.*, "Estimation on Ultrasonic Sensor Using Kalman Filter," *Bul. Ilm. Sarj. Tek. Elektro*, vol. 5, no. 2, pp. 210–217, 2023, doi: 10.12928/biste.v5i2.8089.
- [11] E. T. Ardianto, A. D. Elisanti, and H. Husin, "Arduino and Android-Based Anthropometric Detection Tools for Indonesian Children," *Proc. 2nd Int. Conf. Soc. Sci. Humanit. Public Heal. (icosh. 2021)*, vol. 645, no. Icoship 2021, pp. 254–259, 2022, doi: 10.2991/assehr.k.220207.043.
- [12] M. A. R. Wicaksono, F. Kurniawan, and L. Lasmadi, "Kalman Filter to Reduce Accelerometer Sensor Noise on IMU for Distance Estimation," *Avitec*, vol. 2, no. 2, pp. 145–159, 2020.
- [13] A. Ma'arif, I. Iswanto, A. A. Nuryono, and R. I. Alfian, "Kalman Filter for Noise Reducer on Sensor Readings," *Signal Image Process. Lett.*, vol. 1, no. 2, pp. 11–22, 2019, doi: 10.31763/simple.v1i2.2.
- [14] Z. Zurhayati and N. Hidayah, "Faktor Yang Berhubungan Dengan Kejadian Stunting Pada Balita," *JOMIS (Journal Midwifery Sci.)*, vol. 6, no. 1, pp. 1–10, 2022, doi: 10.36341/jomis.v6i1.1730.
- [15] A. D. Laksono, R. D. Wulandari, N. Amaliah, and

- R. W. Wisnuwardani, “Stunting among children under two years in Indonesia: Does maternal education matter?,” *PLoS One*, vol. 17, no. 7 July, pp. 1–11, 2022, doi: 10.1371/journal.pone.0271509.
- [16] A. Bose, “Let Us Talk about Stunting,” *J. Trop. Pediatr.*, vol. 64, no. 3, pp. 174–175, 2018, doi: 10.1093/tropej/fmx104.
- [17] A. Soliman *et al.*, “Early and long-term consequences of nutritional stunting: From childhood to adulthood,” *Acta Biomed.*, vol. 92, no. 1, pp. 1–12, 2021, doi: 10.23750/abm.v92i1.11346.
- [18] J. L. Leroy and E. A. Frongillo, “Perspective: What Does Stunting Really Mean? A Critical Review of the Evidence,” *Adv. Nutr.*, vol. 10, no. 2, pp. 196–204, 2019, doi: 10.1093/advances/nmy101.
- [19] F. M. Amin and D. C. R. Novitasari, “Identification of Stunting Disease using Anthropometry Data and Long Short-Term Memory (LSTM) Model,” *Comput. Eng. Appl. J.*, vol. 11, no. 1, pp. 25–36, 2022, doi: 10.18495/comengapp.v11i1.395.
- [20] A. R. Mansur, *Tumbuh kembang anak usia prasekolah*, 1st ed., vol. 1, no. 1. Padang: Andalas

University Press, 2019.

- [21] M. K. Indonesia, “PERATURAN MENTERI KESEHATAN REPUBLIK INDONESIA NOMOR 2 TAHUN 2020 TENTANG STANDAR ANTROPOMETRI ANAK,” 2020, pp. 1–78.
- [22] A. Martinez-Millana *et al.*, “Optimisation of children z-score calculation based on new statistical techniques,” *PLoS One*, vol. 13, no. 12, pp. 1–13, 2018, doi: 10.1371/journal.pone.0208362.
- [23] S. W. Widodo and A. S. -, “Development of Intelligent Software for Early Detection of Stunting in Toddlers Based on Anthropometry,” *Proceeding Int. Conf. Sci. Heal. Technol.*, pp. 63–69, 2022, doi: 10.47701/icohetech.v3i1.2279.
- [24] N. F. Krebs *et al.*, “Birth length is the strongest predictor of linear growth status and stunting in the first 2 years of life after a preconception maternal nutrition intervention: the children of the Women First trial,” *Am. J. Clin. Nutr.*, vol. 116, no. 1, pp. 86–96, 2022, doi: 10.1093/ajcn/nqac051.
- [25] B. Girls, “Simplified field tables,” *World Heal. Organ.*, pp. 1–6, 2007, [Online]. Available: http://www.who.int/growthref/sft_bmfifa_girls_per

c_5_19years.pdf.

- [26] E. M. Fauzi, M. Bilal, Z. Asyikin, and I. Y. Prasetya, "Analisa dan Solusi Noise Sensor VL53L0X pada Berbagai Kondisi Cahaya," *Polban*, vol. 7, no. 3, pp. 1–5, 2018, [Online]. Available:
<https://jurnal.polban.ac.id/proceeding/article/view/1088/889>.
- [27] Z. T. Al-Dahan, N. K. Bachache, and L. N. Bachache, "Design and implementation of fall detection system using MPU6050 Arduino," *Lect. Notes Comput. Sci. (including Subser. Lect. Notes Artif. Intell. Lect. Notes Bioinformatics)*, vol. 9677, pp. 180–187, 2016, doi: 10.1007/978-3-319-39601-9_16.
- [28] S. E. E. Profile, "DEVELOPMENT OF GYROSCOPIC ANGLE MEASURING SENSOR BY USING DEVELOPMENT OF GYROSCOPIC ANGLE MEASURING SENSOR BY USING ARDUINO Project report submitted in partial fulfillment of the requirement for the degree of," no. May, 2022, doi: 10.13140/RG.2.2.22992.17923.

- [29] A. I. Bhuyan and T. C. Mallick, "Gyro-accelerometer based control of a robotic arm using AVR microcontroller," *2014 9th Int. Forum Strateg. Technol. IFOST 2014*, pp. 409–413, 2014, doi: 10.1109/IFOST.2014.6991151.
- [30] S. P. Raja, R. A. Sinha, A. Basu, A. Sharma, K. Shrivastava, and N. Prasanth, "Gesture-based mouse control system based on MPU6050 and Kalman filter technique," *Int. J. Intell. Syst. Technol. Appl.*, vol. 21, no. 1, p. 56, 2023, doi: 10.1504/ijista.2023.10055775.
- [31] A. Razmjooofard, A. Sadighi, M. R. Zakerzadeh, and S. Saeedi, "Development of a Health-Monitoring Device for Activity Recognition and Fall Detection," *ICRoM 2019 - 7th Int. Conf. Robot. Mechatronics*, no. ICRoM, pp. 373–378, 2019, doi: 10.1109/ICRoM48714.2019.9071909.
- [32] D. Hercog, T. Lerher, M. Truntič, and O. Težak, "Design and Implementation of ESP32-Based IoT Devices," *Sensors*, vol. 23, no. 15, 2023, doi: 10.3390/s23156739.
- [33] A. Kviesis, V. Komasilovs, N. Ozols, and A. Zacepins, "Bee colony remote monitoring based on

- IoT using ESP-NOW protocol,” *PeerJ Comput. Sci.*, vol. 9, pp. 1–17, 2023, doi: 10.7717/PEERJ-CS.1363.
- [34] S. Chakraborty and P. S. Aithal, “Let Us Create Multiple IoT Device Controller Using AWS, ESP32 And C#,” *Int. J. Appl. Eng. Manag. Lett.*, pp. 27–34, 2023, doi: 10.47992/ijaeml.2581.7000.0172.
- [35] A. C. Bento, A. R. de Barros, É. O. L. da Silva, and L. A. T. Mantovani, “NodeMCU12e + Nextion Tft an Experimental Survey with Virtual Keyboard in IoT Projects,” *Int. J. Adv. Eng. Res. Sci.*, vol. 6, no. 1, pp. 38–44, 2019, doi: 10.22161/ijaers.6.1.7.
- [36] A. C. Bento, “An Experiment with Arduino Uno and Tft Nextion for Internet of Things,” *2018 Int. Conf. Recent Innov. Electr. Electron. Commun. Eng. ICRIEECE 2018*, no. July 2018, pp. 1238–1242, 2018, doi: 10.1109/ICRIEECE44171.2018.9008416.
- [37] S. Zahoor and S. Naseem, “Design and implementation of an efficient FIR digital filter,” *Cogent Eng.*, vol. 4, no. 1, 2017, doi: 10.1080/23311916.2017.1323373.

- [38] A. R. Al Tahtawi, “Kalman Filter Algorithm Design for HC-SR04 Ultrasonic Sensor Data Acquisition System,” *IJITEE (International J. Inf. Technol. Electr. Eng.)*, vol. 2, no. 1, pp. 2–6, 2018, doi: 10.22146/ijitee.36646.
- [39] Y. Ren *et al.*, “Multiple cloud storage mechanism based on blockchain in smart homes,” *Futur. Gener. Comput. Syst.*, vol. 115, pp. 304–313, 2021, doi: 10.1016/j.future.2020.09.019.
- [40] Y. Zhang, J. Yu, R. Hao, C. Wang, and K. Ren, “Enabling Efficient User Revocation in Identity-Based Cloud Storage Auditing for Shared Big Data,” *IEEE Trans. Dependable Secur. Comput.*, vol. 17, no. 3, pp. 608–619, 2020, doi: 10.1109/TDSC.2018.2829880.

...halaman ini sengaja dikosongkan