

DAFTAR PUSTAKA

- [1] A. Hidayat and D. Supriadi, "TONGKAT TUNANETRA PINTAR MENGGUNAKAN ARDUINO," *JUTEKIN*, vol. 7, no. 1, pp. 1–10, 2019.
- [2] "Challenges blind people face when living life," Jul. 23, 2021. <https://www.letsenvision.com/blog/challenges-blind-people-face-when-living-life> (accessed Jan. 24, 2023).
- [3] "Daily Life Problems, Struggle and Challenges Faced by Blind People." <https://wecapable.com/problems-faced-by-blind-people/> (accessed Jan. 24, 2023).
- [4] D. Anie Gunastuti, M. Toriqul Amin, S. Bakhri, P. Studi Teknik Elektro Universitas Pamulang, J. SuryaKencana, and T. Selatan, "DISAIN TONGKAT TUNANETRA PINTAR DENGAN SINYAL PENUNJUK LOKASI SAAT KEPANIKAN," *Journal of Electrical Power, Instrumentation and Control) Teknik Elektro-Universitas Pamulang*, vol. 3, no. 1, pp. 88–96, 2020, doi: 10.32493/epic.v3i1.3642.
- [5] M. P. Agrawal and A. R. Gupta, "Smart Stick for the Blind and Visually Impaired People," *International Conference on Inventive Communication and Computational Technologies*, pp. 542–545, 2018, Accessed: Jan. 24, 2023. [Online]. Available: <https://ieeexplore.ieee.org/document/8473344>
- [6] A. Jadhav, J. Sarkar, R. Patil, and J. Pardeshi, "Designs of an Effective Smart Walking Stick for Visually Disabled," in *Proceedings of 2019 3rd IEEE International Conference on Electrical, Computer and Communication Technologies, ICECCT 2019*, Feb. 2019. doi: 10.1109/ICECCT.2019.8869412.
- [7] Parito, I. Gusti Agung Komang Diafari Djuni, and N. Gunantara, "RANCANG BANGUN TONGKAT PINTAR TUNANETRA BERBASIS MIKROKONTROLER," *Jurnal SPEKTRUM*, vol. 8, no. 1, pp. 274–285, 2021, Accessed: Jan. 24, 2023. [Online]. Available: <https://ojs.unud.ac.id/index.php/spektrum/article/download/72912/39435/>
- [8] M. H. Abd Wahab et al., "Smart Cane: Assistive Cane for Visually-impaired People," *CoRR*, vol. abs/1110.5156, Jul. 2011.

- [9] C. Hastings, "Smart Walking Stick for Visually Impaired People." <https://www.medgadget.com/2023/01/smart-walking-stick-for-visually-impaired-people.html> (accessed Mar. 08, 2023).
- [10] C. A. B, L. H, and S. T, "Smart Blind Stick," International Journal of Engineering Research & Technology, vol. 7, no. 10, pp. 1–3, 2019, [Online]. Available: www.ijert.org
- [11] J. Clark, "What is the Internet of Things, and how does it work?" https://www.ibm.com/blogs/internet-of-things/what-is-the-iot/?mhsrc=ibmsearch_a&mhq=What%20is%20Internet%20of%20Things%20%261par%3BIoT%26rpar%3B (accessed Mar. 08, 2023).
- [12] P. P. Ray, "A survey on Internet of Things architectures," Journal of King Saud University - Computer and Information Sciences, vol. 30, no. 3, pp. 291–319, 2018, doi: <https://doi.org/10.1016/j.jksuci.2016.10.003>.
- [13] "Telegram Messenger." <https://telegram.org/> (accessed Mar. 09, 2023).
- [14] "Telegram Bot API." <https://core.telegram.org/bots/api> (accessed Mar. 09, 2023).
- [15] "Microchip ATMEGA328P," 2020. Accessed: Mar. 07, 2023. [Online]. Available: https://www.mouser.co.id/datasheet/2/268/ATmega48A_PA_88A_PA_168A_PA_328_P_DS_DS40002061B-3050139.pdf
- [16] "Basics Arduino." <https://www.electronicwings.com/arduino/basics> (accessed Mar. 07, 2023).
- [17] "Gyroscope: Everything You Ever Wanted to Know About Gyroscopes." <https://interestingengineering.com/science/what-gyroscopes-are-how-they-work-and-their-importance> (accessed Mar. 10, 2023).
- [18] InvenSense, "MPU-6050 Six-Axis (Gyro + Accelerometer) MEMS MotionTrackingTM Devices." <https://invensense.tdk.com/products/motion-tracking/6-axis/mpu-6050/> (accessed Mar. 10, 2023).
- [19] u-blox, "NEO-7 series." <https://www.u-blox.com/en/product/neo-7-series> (accessed Mar. 06, 2023).

- [20] Adafruit, “Adafruit Ultimate GPS Breakout.” <https://www.adafruit.com/product/746> (accessed Mar. 06, 2023).
- [21] SkyTraq, “GNSS Receiver Module.” <https://www.skytraq.com.tw/homesite/home-product> (accessed Mar. 06, 2023).
- [22] “NEO-6 u-blox 6 GPS Modules Data Sheet,” 2011. [Online]. Available: www.u-blox.com
- [23] A. Seetharaman, “Home Automation using GSM Technology,” Oct. 2015. [24] “GPRS Working, Advantages, Applications.” <https://www.spiceworks.com/tech/networking/articles/what-is-gprs/> (accessed Jan. 25, 2023).
- [25] A. Jain, D. Kumar, and J. Kedia, “Design and Development of GSM based Energy Meter,” *Int J Comput Appl*, vol. 47, pp. 41–45, 2012.
- [26] SIMCom, “SIM800C.” <https://www.simcom.com/product/SIM800C.html> (accessed Mar. 12, 2023).
- [27] WatElectronics, "What is Ultrasonic Sensor : Working & Its Applications", <https://www.watelectronics.com/ultrasonic-sensor> (accessed May. 08, 2023).