DAFTAR PUSTAKA

[1] World Health Organization, “World report on vision,” Oct. 2019. Accessed: Sep. 07, 2024. [Online]. Available: https://www.who.int/publications/i/item/9789241516570

[2] I. Yuwono and Mirnawati, *Aksesibilitas Bagi Penyandang Tunanetra di Lingkungan Lahan Basah*. Yogyakarta: Deepublish Publisher, 2021.

[3] S. Subramoniam and K. Osman, “SMART PHONE ASSISTED BLIND STICK,” *The Turkish Online Journal of Design, Art and Communication-TOJDAC*, pp. 2613–2621, 2018, doi: 10.7456/1080SSE/335.

[4] A. Khan *et al.*, “An Android-based Portable Smart Cane for Visually Impaired People,” *2021 IEEE 15th International Conference on Application of Information and Communication Technologies (AICT)*, pp. 1–6, Oct. 2021, doi: 10.1109/AICT52784.2021.9620268.

[5] R. A. Chandra, U. Fadlillah, P. Wibowo, F. T. N. Saputra, and R. R. Sulasyono, “Blind People Stick Tracking Using Android Smartphone and GPS Technology,” *Khazanah Informatika : Jurnal Ilmu Komputer dan Informatika*, 2022, [Online]. Available: https://api.semanticscholar.org/CorpusID:252171473

[6] A. Awasthi, “Ultrasonic Blind Stick with GPS and GSM Tracking,” *Int J Res Appl Sci Eng Technol*, 2022, [Online]. Available: https://api.semanticscholar.org/CorpusID:246302570

[7] N. Sahoo, H. W. Lin, and Y. H. Chang, “Design and implementation of a walking stick aid for visually challenged people,” *Sensors (Switzerland)*, vol. 19, no. 1, Jan. 2019, doi: 10.3390/s19010130.

[8] Thalita Maysha Herninda, “Analisa Sistem Manajemen Termal Berdasarkan Pengaruh Variasi Jumlah Tube dan Laju Aliran Massa Sistem Pendingin Bermedia Air pada Sel Baterai Berbentuk Silinder Menggunakan Metode Computational Fluid Dynamics (CFD),” Institut Teknologi Sepuluh Nopember, Surabaya, 2017.

[9] Mohammad Efendi, *Pengantar Psikopedagogik Anak Berkelainan*, vol. 1. Jakarta: Bumi Aksara, 2006.

[10] I. Yuwono and Mirnawati, “pengembangan tongkat ajaib untuk membantu mobilitaspenyandang tunanetra,” *UNIVERSITAS LAMBUNG MANGKURAT BANJARMASIN*, 2020.

[11] G. P. Mahardhika and H. Anwar, “DIGITAL GAME BASED LEARNING UNTUK PEMBELAJARAN ARITMATIKA BAGI PENYANDANG TUNANETRA,” *Teknoin UII*, vol. 24, no. 1, pp. 41–54, 2018, doi: 10.20885/teknoin.vol24.iss1.art5.

[12] S. Y. Lee and F. B. Mesfin, *Blindness*. Florida: StatPearls Publishing, 2017. Accessed: Jun. 07, 2024. [Online]. Available: https://europepmc.org/article/NBK/nbk448182

[13] D. E. Jacob and Sandjaya, "FAKTOR FAKTOR YANG MEMPENGARUHI KUALITAS HIDUP MASYARAKAT KARUBAGA DISTRICT SUB DISTRICT TOLIKARA PROPINSI PAPUA," *Jurnal Nasional Ilmu Kesehatan*, vol. 1, no. 1, 2018.

[14] I. Khaeroh, F. Advelia, A. Rosyid, and A. Supena, "Pelaksanaan Pendidikan Inklusif Untuk Siswa Dengan Hambatan Penglihatan (Low Vision) di Sekolah Dasar," *Jurnal Pendidikan Inklusi Unesa*, vol. 4, no. 1, pp. 11–21, 2020.

[15] World Health Organization, "Blindness and vision impairment." Accessed: Jul. 06, 2024. [Online]. Available: https://www.who.int/news-room/fact-sheets/detail/blindness-and-visual-impairment

[16] Muhammad Iqbal, "Mikrokontroler ESP32," https://miqbal.staff.telkomuniversity.ac.id/mikrokontroler-esp32/, Bandung, 2022.

[17] K. Hoomod, S. Marouf, and M. Al-Chalabi, "Objects Detection and Angles Effectiveness by Ultrasonic Sensors HC-SR04," *International Journal of Science and Research (IJSR) ISSN*, vol. 6, 2015, doi: 10.21275/ART20174419.

[18] Dejan (howtomechatronics.com), "Ultrasonic Sensor HC-SR04 and Arduino – Complete Guide," https://howtomechatronics.com/tutorials/arduino/ultrasonic-sensor-hc-sr04/ , 2016.

[19] Taryana Suryana, "Antarmuka ublox NEO-6M GPS Module dengan NodeMCU ESP8266," *Universitas Komputer Indonesia*, 2021.

[20] I. Kurniawan, "SISTEM PENGENDALI PERALATAN RUMAH TANGGA BERBASIS APLIKASI BLYNK DAN NODEMCU ESP8266," STMIK AKAKOM YOGYAKARTA, Yogyakarta, 2017.

[21] P. Stevano *et al.*, "JURNAL EINSTEIN Jurnal Hasil Penelitian Bindang Fisika IMPLEMENTASI SENSOR ULTRASONIK HC-SR04 SEBAGAI SENSOR PARKIR MOBIL BERBASIS ARDUINO," Dipublikasikan, 2017. [Online]. Available: http://jurnal.unimed.ac.id/2012/index.php/inpafie-issn:2407-747x,p-issn2338-1981

[22] K. D. Willem, "Analisis Sensor Ultrasonik pada Benda Padat dan Cair di Berbagai Waktu," Universitas Dinamika, Surabaya, 2022.

[23] F. Adrianto, M. Seftiana, S. Agita Rahmawati, M. Fahrizal, and T. Komputer, "PERANCANGAN PERINGATAN BANJIR DENGAN SENSOR WATER LEVEL SENSOR," *Jurnal Portadata*, vol. 14, no. 2, 2021.

[24] Annisa, “Haversine Formula: Menghitung Jarak Akurat Antar Lokasi di Permukaan Bumi,” Fakultas Ilmu Komputer dan Teknologi Infirmasi Universitas Muhammadiyah Sumatera Utara. Accessed: Sep. 01, 2024. [Online]. Available: https://fikti.umsu.ac.id/haversine-formula-menghitung-jarak-akurat-antar-lokasi-di-permukaan-bumi/

[25] J. Teknika, R. Maulana, P. Hertaryawan, D. Iskandar Mulyana, and Y. Akbar, “Optimasi Pemetaan Ruang Makam Pada TPU Di Jakarta Menggunakan Quantum GIS Dengan Metode Haversine Formula,” *IJCCS*, vol. x, No.x, pp. 1–5. 2018.