DAFTAR PUSTAKA

[1] "Hipertensi penyakit paling banyak diidap masyarakat," *Kemenkes*, May 17, 2019.https://kemkes.go.id/id/hipertensi-penyakit-paling-banyak-diidap-masyarakat.

[2] "Hari Hypertensi Sedunia," WHO, RISKESDAS 2018, May 17,2023.

[3] G. Kencana, "Efek ekstrak daun kemangi (Ocimum basilicum) terhadap kadar LDL tikus (Rattus norvegicus) model aterosklerosis," Thesis, Universitas Andalas, 2023.

[4] R. Wulandari, "Prototype Tensimeter ABPI (Ankle Branchial Pressure Index) dengan sistem perhitungan otomatis berbiaya rendah," Thesis, Universitas Thamrin, 2019.

[5] Cohn, J.N.; Quyyum, A.A Markers for cardiovascular Disease. Circulation 109 (Suppl IV): 31-47, 2004. Ref. 211

[6] Stanford Medicine 25, "Introduction to measuring the ankle brachial index," Aug. 11, 2023. https : // stanfordmedicine 25.stanford.edu /the25 /ankle-brachial-index.html.

[7] *Ankle Branchial Index.* (Online). Available:https://www.fity.club/lists/ suggestions /ankle-brachial-index/.

[8] *Aystole and diastole human heart*. [Online]. Available: https://depositphotos.com/id/vector/diastole-systole-human-heart-infographic-diagram-showing-how- blood-fill-309066710.html.

[9] S. Metere, R. Wulandari, and Gunawan, “Perancangan prototype Tensimeter Ankle Brachial Index berbasis Arduino dengan tampilan processing,” *Hospital Technology and Mechatronics*, vol. 3, no. 1, Mar. 2022.

[10] “Arduino Mega 2560.” [Online]. Available: https://docs.arduino.cc/hardware /mega-2560/

[11] A. Wahyudin, “Kursi roda elektrik multifungsi,” thesis, Politeknik Kesehatan Jakarta 2, 2021.

[12] *4-Channel Relay Module*. [Online]. Available: https://www.makerfabs.com/ 4-channel-relay-module10a.html

[13] *Mini air pump*. [Online]. Available: https://www.tokopedia.com/ petsusa/micro -air-pump-dc-12v-micro-vacuum-pump-electric-mini

[14] Supiyadi and Ferdy, “Rancang bangun prototype pengereman motor DC secara otomatis dengan menggunakan rem cakram (Disc brake) berbasis Arduino menggunakan Android,” thesis, Politeknik Negeri Sriwijaya, 2019.

[15] J. Kantong, “Tensimeter digital berbasis Android,” thesis, Politeknik Kesehatan Jakarta 2, 2016.

[16] E-radionica.com, “Pressure Sensor MPS20N0040D-S.” Dec. 24, 2024. [Online].Available:https://datasheet4u.com/pdfdown/M/P/S/MPS20N0040 D-S-ETC.pdf.

[17] mercado libre, *Sensor MPS20N0040D-S*. 2025. [Online]. Available: https://www.mercadolibre.com.ar/modulo-de-sensor-de-presion mps20n0040d-d-0-40kpa/p/MLA38623665.

[18] *LCD 20x4*. [Online]. Available: https://m.media-amazon.com/images /I/ 71 MzP4CZQtL.jpg

[19] E.Azzahra, "Alat ukur tinggi balita dengan sensor VL53L0X berbasis Arduino Uno dilengkapi peniliaian status tinggi," Thesis, Politeknik Kesehatan Jakarta 2, 2024.

[20] L. Mardani, "Sistem pengisian dan pemakaian aki menggunakan LM2596 pada pembangkit listrik tenaga angin untuk lampu penerangan berbasis Arduino Uno," Thesis, Universitas Bangka Belitung, 2017.

[21] Y. Windarto, B. Samosir, and M. Assary, "Monitoring ruangan berbasis internet of things menggunakan ThingsBoard dan Blynk," *Walisongo Journal of Information Technology,* Universitas Semarang, 2020. doi: 10.21580/wjit.2020.2.2.5798.

[22] *Thingsboard*. [Online]. Available: https://mysertifikasi.com/thingsboard-solusi- platform-iot/

[23] T. Suryana, "Implementasi Web Server NodeMCU ESP8266 untuk kontrol peralatan elektronik jarak jauh via internet," *Jurnal Komputa Unikom*, Universitas Komputer Indonesia, Jul. 2021.

[24] Components 101, "NodeMCU ESP8266." [Online]. Available: https://components101.com/development-boards/nodemcu-esp8266-pinout- features-and-datasheet

[25] *NodeMCU ESP8266*. [Online]. Available: https://components101.com/sites/ default/ files/ components/ ESP8266 -NodeMCU.jpg\

[26] D. Putra, “Kalibrasi Blood Pressure Monitor (BPM) berdasarkan Keputusan Kementrian Kesehatan Republik Indonesia HK.02.02/V/5771/2018,” Laporan Praktek Kerja Lapangan, Universitas Ahmad Dahlan, 2023.

[27] Fluke Biomedical, “ProSim 8 Vital Signs Simulator Technical Data.” 2023.

[28] F. Habibi, “Rancang bangun station infant warmer dilengkapi sistem monitoring kondisi klinis bayi,” Thesis, Politeknik Kesehatan Jakarta 2, 2024.