

## DAFTAR PUSTAKA

- [1] “Noncommunicable Diseases Progress Monitor 2020.” Accessed: Apr. 20, 2023. [Online]. Available: <https://www.who.int/publications/i/item/9789240000490>
- [2] “5 Jenis Penyakit Penyebab Kematian Tertinggi di Indonesia.” Accessed: Nov. 05, 2023. [Online]. Available: <https://www.siloamhospitals.com/informasi-siloam/artikel/waspada-5-jenis-penyakit-penyebab-kematian-tertinggi-di-indonesia>
- [3] “Chronic Disease Center (NCCDPHP) | CDC.” Accessed: Apr. 20, 2023. [Online]. Available: <https://www.cdc.gov/Chronicdisease/>
- [4] “Tentang Penyakit Kronis | CDC.” Accessed: Apr. 20, 2023. [Online]. Available: <https://www.cdc.gov/chronicdisease/about/index.htm>
- [5] “Adherence to long-term therapies : evidence for action.” Accessed: Apr. 01, 2023. [Online]. Available: <https://apps.who.int/iris/handle/10665/42682>
- [6] A. Akrom, O. M. Sari, S. Urbayatun, and Z. Saputri, “Analisis Determinan Faktor-Faktor yang Berhubungan dengan Kepatuhan Minum Obat Pasien Diabetes Tipe 2 di Pelayanan Kesehatan Primer,” *Jurnal Sains Farmasi & Klinis*, vol. 6, no. 1, p. 54, May 2019, doi: 10.25077/JSFK.6.1.54-62.2019.
- [7] “Access to Medicines and Health Products .” Accessed: Apr. 20, 2023. [Online]. Available: <https://www.who.int/our-work/access-to-medicines-and-health-products>
- [8] I. A. Basheti, S. Saqf El Hait, E. A. Qunaibi, S. Aburuz, and N. Bulatova, “Associations between patient factors and medication adherence: a

- Jordanian experience,” *Pharmacy Practice (Granada)*, vol. 14, no. 1, pp. 0–0, 2016, doi: 10.18549/PHARMPRACT.2016.01.639.
- [9] M. A. Cucciare, K. R. Weingardt, and K. Humphreys, “How Can the Internet of Things Help to Overcome Current Healthcare Challenges,” *Curr Drug Abuse Rev*, vol. 2, no. 3, pp. 256–262, Sep. 2012, doi: 10.2174/1874473710902030256.
- [10] J. T. Kelly, K. L. Campbell, E. Gong, and P. Scuffham, “The Internet of Things: Impact and Implications for Health Care Delivery,” *J Med Internet Res*, vol. 22, no. 11, Nov. 2020, doi: 10.2196/20135.
- [11] S. R. Minera, A. Nuerbiya, A. Espinoza, K. George, and A. Panangadan, “Smart Cup for a Smart Pill Dispenser for Verification of Pill Consumption,” *2023 IEEE 13th Annual Computing and Communication Workshop and Conference, CCWC 2023*, pp. 994–998, 2023, doi: 10.1109/CCWC57344.2023.10099363.
- [12] O. Al-Mahmud, K. Khan, R. Roy, and F. Mashuque Alamgir, “Internet of Things (IoT) based smart health care medical box for elderly people,” *2020 International Conference for Emerging Technology, INCET 2020*, Jun. 2020, doi: 10.1109/INCET49848.2020.9153994.
- [13] J. Baikerikar, N. Ghavate, V. Kavathekar, and A. Kodiyan, “Intelligent Medicine Box for COVID like Pandemic,” *2023 IEEE 8th International Conference for Convergence in Technology, I2CT 2023*, 2023, doi: 10.1109/I2CT57861.2023.10126248.
- [14] S. Banu, S. A. Mohmudiya, N. Rahiba, and S. Anmol, “IoT Enabled Patient Medicine Intake Tracking System-MEDIKIT,” *6th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2022 - Proceedings*, pp. 67–71, 2022, doi: 10.1109/I-SMAC55078.2022.9987284.
- [15] S. Oleh, : Cinthya, and B. Anggraini, “MEDICINE BOX REMINDER UNTUK PENDERITA PENYAKIT KRONIS DENGAN MONITORING DATABASE BERBASIS IOT (Internet of Things).”

- [16] D. V Da Silva, T. G. Gonçalves, and P. F. Pires, “Using IoT technologies to develop a low-cost smart medicine box.”
- [17] “DAN RTC ( Real Time Clock ) ARDUINO,” 2017.
- [18] “Advances in Databases and Information Systems: 24th European Conference ... - Google Buku.” Accessed: Jun. 05, 2024. [Online]. Available:  
[https://books.google.co.id/books?hl=id&lr=&id=Me\\_3DwAAQBAJ&oi=fnd&pg=PA137&dq=database+are&ots=TjaktMCBI6&sig=TanFg1hfUYADgU1eNciu\\_qRtZis&redir\\_esc=y#v=onepage&q=database%20are&f=false](https://books.google.co.id/books?hl=id&lr=&id=Me_3DwAAQBAJ&oi=fnd&pg=PA137&dq=database+are&ots=TjaktMCBI6&sig=TanFg1hfUYADgU1eNciu_qRtZis&redir_esc=y#v=onepage&q=database%20are&f=false)
- [19] P. Kumar and P. Kumar, “International Journal of Computer Science and Mobile Computing Arduino Based Wireless Intrusion Detection Using IR Sensor and GSM,” *IJCSMC*, vol. 2, no. 5, pp. 417–424, 2013, Accessed: Jun. 05, 2024. [Online]. Available: [www.ijesmc.com](http://www.ijesmc.com)
- [20] M. C. Roebuck, J. N. Liberman, M. Gemmill-Toyama, and T. A. Brennan, “Medication Adherence Leads To Lower Health Care Use And Costs Despite Increased Drug Spending,” <https://doi.org/10.1377/hlthaff.2009.1087>, vol. 30, no. 1, pp. 91–99, Aug. 2017, doi: 10.1377/HLTHAFF.2009.1087.
- [21] S. Rusito, M. Kom, and Kom, *Dasar Internet Teknologi IoT (Internet of Thing) dan Bahasa HTML*.
- [22] M. Mohammadi, A. Al-Fuqaha, S. Sorour, and M. Guizani, “Deep learning for IoT big data and streaming analytics: A survey,” *IEEE Communications Surveys and Tutorials*, vol. 20, no. 4, pp. 2923–2960, Oct. 2018, doi: 10.1109/COMST.2018.2844341.
- [23] “Memulai Firebase Authentication di Situs.” Accessed: May 03, 2023. [Online]. Available:  
<https://firebase.google.com/docs/auth/web/start?hl=id>

- [24] “Melakukan Autentikasi Menggunakan Google dengan JavaScript | Firebase.” Accessed: May 03, 2023. [Online]. Available: <https://firebase.google.com/docs/auth/web/google-signin?hl=id>
- [25] P. Rai and M. Rehman, “ESP32 based smart surveillance system,” *2019 2nd International Conference on Computing, Mathematics and Engineering Technologies, iCoMET 2019*, Mar. 2019, doi: 10.1109/ICOMET.2019.8673463.
- [26] S. Poudyal *et al.*, “Wi-Fi based scrolling digital display with RTC using arduino,” *2019 2nd International Conference on Intelligent Communication and Computational Techniques, ICCT 2019*, pp. 199–202, Sep. 2019, doi: 10.1109/ICCT46177.2019.8969057.
- [27] M. Y. Iqbar and K. P. K. Riyanti, “RANCANG BANGUN LAMPU PORTABLE OTOMATIS MENGGUNAKAN RTC BERBASIS ARDUINO,” *Antivirus : Jurnal Ilmiah Teknik Informatika*, vol. 14, no. 1, pp. 61–72, Nov. 2020, doi: 10.35457/ANTIVIRUS.V14I1.1115.
- [28] S. I. Haryudo, R. D. Alfian, and N. Kholis, “Rancang Bangun Alat Monitoring Pemakaian Tarif Listrik dan Kontrol Daya Listrik Pada Rumah Kos Berbasis Internet of Things,” *JURNAL TEKNIK ELEKTRO*, vol. 10, no. 3, pp. 661–670, Jul. 2021, doi: 10.26740/JTE.V10N3.P661-670.
- [29] J. Cumin, D. Novoselović, and M. Karakašić, “Development of Compact 12 V Automotive Maintenance Vacuum Pump,” *Lecture Notes in Networks and Systems*, vol. 369 LNNS, pp. 81–91, 2022, doi: 10.1007/978-3-030-92851-3\_6/COVER.
- [30] R. S. Popovic, “Hall devices for magnetic sensor microsystems,” *Proceedings of International Solid State Sensors and Actuators Conference (Transducers '97)*, vol. 1, pp. 377–380, doi: 10.1109/SENSOR.1997.613663.

- [31] B. A. Kaidarova *et al.*, “Flexible Hall sensor made of laser-scribed graphene,” *npj Flexible Electronics* 2021 5:1, vol. 5, no. 1, pp. 1–7, Feb. 2021, doi: 10.1038/s41528-021-00100-4.
- [32] H. Sen Yan, H. Te Wang, and J. Y. Liu, “Structural synthesis of novel integrated DC gear motors,” *Mech Mach Theory*, vol. 41, no. 11, pp. 1289–1305, Nov. 2006, doi: 10.1016/J.MECHMACHTHEORY.2006.01.007.
- [33] Y. Tipsuwan and M. Y. Chow, “Fuzzy logic microcontroller implementation for DC motor speed control,” *IECON Proceedings (Industrial Electronics Conference)*, vol. 3, pp. 1271–1276, 1999, doi: 10.1109/IECON.1999.819394.
- [34] “Tutorial Lengkap Menggunakan Driver L298N dengan Arduino - Mahir Elektro.” Accessed: Nov. 06, 2023. [Online]. Available: <https://www.mahirelektro.com/2020/02/tutorial-menggunakan-driver-motor-l298n-pada-Arduino.html>
- [35] L. Sampebatu, S. Patabang, and J. Leda, “PENGUJIAN SENSITIVITAS DAN AKURASI SENSOR ARUS HALL EFFECT MENGGUNAKAN ARDUINO-UNO,” *Jurnal Ilmiah Teknik dan Manajemen Industri Jurnal Taguchi*, vol. 2, no. 2, pp. 2022–276, doi: 10.46306/tgc.v2i2.