

DAFTAR PUSTAKA

- [1] N. Gulati and P. D. Kaur, “An argumentation enabled decision making approach for fall activity recognition in social IoT based ambient assisted living systems,” *Future Gener. Comput. Syst.*, vol. 122, pp. 82–97, Sep. 2021.
- [2] M. M. Baig and H. Gholamhosseini, “Smart health monitoring systems: an overview of design and modeling,” *J Med Syst*, vol. 37, no. 2, Apr. 2013, doi: 10.1007/S10916-012-9898-Z.
- [3] M. M. Alam, H. Malik, M. I. Khan, T. Pardy, A. Kuusik, and Y. le Moullec, “A survey on the roles of communication technologies in IoT-Based personalized healthcare applications,” *IEEE Access*, vol. 6, pp. 36611–36631, Jul. 2018, doi: 10.1109/ACCESS.2018.2853148.
- [4] S. Li, L. da Xu, and X. Wang, “A continuous biomedical signal acquisition system based on compressed sensing in body sensor networks,” *IEEE Trans Industry Inform.*, vol. 9, no. 3, pp. 1764–1771, 2013, doi: 10.1109/TII.2013.2245334.
- [5] H. Ponce and L. Martínez-Villaseñor, “Approaching fall classification using the up-fall detection dataset: Analysis and results from an international competition,” in *Challenges and Trends in Multimodal Fall Detection for Healthcare*. Springer, 2020, pp. 121–133.
- [6] A. Arcelus, R. Goubran, M. H. Jones, and F. Knoefel, “Integration of smart home technologies in a health monitoring system for the elderly,” *Proceedings - 21st International Conference on Advanced Information Networking and Applications Workshops/Symposia, AINAW'07*, vol. 1, pp. 820–825, 2007, doi: 10.1109/AINAW.2007.209.
- [7] F. Javed, I. Khan, "A Review on the Development of an Intelligent Fall Detection System Using Kinect Sensor," *IEEE Xplore* (2020).
- [8] A. S. Seferagić *et al.*, “Survey on Wireless Technology Trade-Offs for the Industrial Internet of Things,” *Sensors 2020, Vol. 20, Page 488*, vol. 20, no. 2, p. 488, Jan. 2020, doi: 10.3390/S20020488.
- [9] V. S. Thomas, S. Darvesh, C. MacKnight, and K. Rockwood, “Estimating the Prevalence of Dementia in Elderly People: A Comparison of the Canadian Study of

- Health and Aging and National Population Health Survey Approaches,” *Int Psychogeriatr*, vol. 13, no. S1, pp. 169–175, 2001, doi: 10.1017/S1041610202008116.
- [10] S. Majumder, T. Mondal, and M. J. Deen, “Wearable Sensors for Remote Health Monitoring,” *Sensors (Basel)*, vol. 17, no. 1, Jan. 2017, doi: 10.3390/S17010130.
- [11] B. Joshi, “Performance of different network communication protocols used for Mesh Networks,” LEMUR, <https://uclalemur.com/blog/performance-of-different-network-communication-protocols-used-for-mesh-networks> (accessed Aug. 26, 2024).
- [12] Donoho, D. L. (2006). "Compressed sensing." *IEEE Transactions on Information Theory*, 52(4), 1289-1306.
- [13] N. Cameron, “ESP32 microcontroller,” *Maker Innovations Series*, pp. 1–54, 2023. doi:10.1007/978-1-4842-9376-8_1
- [14] R.-G. Cheng, “(PDF) Multihop Wireless Networks,” *dokumen.tips*, <https://dokumen.tips/documents/multihop-wireless-networks.html?page=1>. (accessed Jan. 4, 2024).
- [15] Dave Snider, “WIFI-Mesh,” *ESP*, <https://docs.espressif.com/projects/espressif/en/latest/esp32/api-guides/esp-wifi-mesh.html>. (accessed Jan. 4, 2024).
- [16] A. S. Ahmar, “Forecast error calculation with mean squared error (MSE) and mean absolute percentage error (MAPE),” *JINAV: Journal of Information and Visualization*, vol. 1, no. 2, pp. 94–96, Dec. 2020. doi:10.35877/454ri.jinav303
- [17] Chen, S. S., Donoho, D. L., & Saunders, M. A. (1998). "Atomic Decomposition by Basis Pursuit." *SIAM Journal on Scientific Computing*, 20(1), 33-61.
- [18] Panesar, A. (2021). "Evaluating Machine Learning Models." *Journal of Machine Learning Research*. DOI: 10.1007/978-1-4842-6537-6_7.
- [19] MEDIUM, "What is Firebase? The complete story, abridged.," *www.medium.com*, 25 September 2018. [Online]. Available: <https://medium.com/firebase-developers/what-is-firebase-the-complete-story-abridged-bcc730c5f2c0>.
- [20] Nelissen, G., Pautet, L. Special issue on reliable data transmission in real-timesystems. *Real-Time Syst* 59, 662–663 (2023).<https://doi.org/10.1007/s11241-023-09415-z>