## **DAFTAR PUSTAKA**

- [1] U. Nations, "Ageing: Global population," 2 2025. [Online]. Available: https://www.who.int/news-room/questions-and-answers/item/population-ageing
- [2] W. H. Organization, "Falls," 4 2021.
- [3] D. Mrozek, A. Koczur, and B. Małysiak-Mrozek, "Fall detection in older adults with mobile iot devices and machine learning in the cloud and on the edge," *Information Sciences*, vol. 537, pp. 132–147, 2020. [Online]. Available: https://www.sciencedirect.com/science/article/pii/S0020025520304886
- [4] Z. Yu, J. Liu, M. Yang, Y. Cheng, J. Hu, and X. Li, "An elderly fall detection method based on federated learning and extreme learning machine (fed-elm)," *IEEE Access*, vol. 10, pp. 130 816–130 824, 2022.
- [5] M. Hawkins, T. Goldhammer, R. McClave, and E. Jenkins-Smith, "Evaluation of a fall prevention program to reduce fall risk and fear of falling among community-dwelling older adults and adults with disabilities," *Clinical Interventions in Aging*, vol. 19, pp. 375–383, 2024.
- [6] N. T. Newaz and E. Hanada, "The methods of fall detection: A literature review," 6 2023.
- [7] M. APOSTOL and R.-A. DUŢESCU, "Remote fall detection system for elderly people using non-invasive technologies," *Romanian Journal of Information Technology and Automatic Control*, vol. 33, pp. 33–42, 3 2023.
- [8] S. Usmani, A. Saboor, M. Haris, M. A. Khan, and H. Park, "Latest research trends in fall detection and prevention using machine learning: A systematic review," 8 2021.
- [9] N. Thakur and C. Y. Han, "A simplistic and cost-effective design for real-world development of an ambient assisted living system for fall detection and indoor localization: Proof-of-concept," *Information (Switzerland)*, vol. 13, 8 2022.
- [10] X. Wang, J. Ellul, and G. Azzopardi, "Elderly fall detection systems: A literature survey," 6 2020.
- [11] E. Tîrziu, A. M. Vasilevschi, A. Alexandru, and E. Tudora, "Enhanced fall detection using yolov7-w6-pose for real-time elderly monitoring," *Future Internet*, vol. 16, 12 2024.
- [12] Y. Qin, W. Miao, and C. Qian, "A high-precision fall detection model based on dynamic convolution in complex scenes," *Electronics (Switzerland)*, vol. 13, 3 2024.

- [13] X. Zheng, J. Cao, C. Wang, and P. Ma, "A high-precision human fall detection model based on fasternet and deformable convolution," *Electronics* (*Switzerland*), vol. 13, 7 2024.
- [14] S. Polamuri, "Best confusion matrix guide with sklearn python." [Online]. Available: https://dataaspirant.com/confusion-matrix-sklearn-python/
- [15] L. D. V. Tuyen, "Falldataset-imvia: A dataset for fall detection in indoor environments," https://www.kaggle.com/datasets/tuyenldvn/falldataset-imvia, 2022, accessed: 2025-06-14.

