

DAFTAR PUSTAKA

- [1] Badan Pusat Statistik Indonesia, "Jumlah Kendaraan Bermotor Menurut Jenis," 2019. [Online]. Available: <https://www.bps.go.id/indicator/17/57/1/jumlah-kendaraan-bermotor.html>
- [2] GAIKINDO, "Jumlah Kendaraan Bermotor di Indonesia Tembus 133 Juta Unit," 2020. [Online]. Available: <https://www.gaikindo.or.id/data-bps-jumlah-kendaraan-bermotor-di-indonesia-tembus-133-juta-unit/>
- [3] Korlantas Polri, *Data Kecelakaan Lalu Lintas Indonesia Tahun 2024*, Jakarta: Mabes Polri, 2024.
- [4] H. Ospina-Mateus and L. A. Quintana Jiménez, "Understanding the impact of physical fatigue and postural comfort experienced during motorcycling: A systematic review," *Applied Ergonomics*, vol. 82, p. 102941, 2019. [Online]. Available: <https://www.sciencedirect.com/science/article/abs/pii/S2214140518303578>
- [5] M. Arunachalam, A. K. Singh, and S. Karmakar, "Muscle fatigue when riding a motorcycle: A case study," *PMC Journal*, 2022. [Online]. Available: <https://pmc.ncbi.nlm.nih.gov/articles/PMC8345341/>
- [6] M. Arunachalam, A. K. Singh, and S. Karmakar, "Assessment of muscle fatigue during motorcycle riding," *Applied Ergonomics*, vol. 98, p. 103573, 2022.
- [7] P. W. Johnson et al., "Biomechanical Analysis of Motorcycle Riding Postures and Their Health Implications," *Ergonomics*, vol. 63, no. 8, pp. 1023–1035, 2020.
- [8] K. N. Dewangan, V. Prasanna, dan P. L. Suja, "Ergonomic Evaluation of Motorcycle Riding Posture Using Digital Human Modeling," *Int. J. Ind. Ergonomics*, vol. 82, p. 103087, 2021.
- [9] Yayasan Lembaga Konsumen Indonesia (YLKI), *Survey Kesehatan Pengemudi Transportasi Online*, Jakarta: YLKI Press, 2023.
- [10] A. Kumar dan R. Mahajan, "Motorcycle Vibration Alert System Using IoT," *Proc. IEEE Int. Conf. Electronics and Communication Systems*, pp. 1–6, 2020.
- [11] M. A. Rahman et al., "Mobile Application for Rider Fatigue Management: A Systematic Review," *Int. J. Human-Computer Studies*, vol. 143, p. 102478, 2020.
- [12] L. Chen et al., "Pressure-Sensitive Seat Design for Posture Monitoring in

- Motorcycles,” *Applied Sciences*, vol. 11, no. 9, p. 4087, 2021.
- [13] W. Zhang et al., “Real-Time Fatigue Detection for Motorcycle Riders Using Computer Vision,” *Transportation Research Part C*, vol. 125, p. 103045, 2021.
- [14] S. Arunachalam, A. K. Singh, and S. Karmakar, "Detecting motorcycle rider local physical fatigue and discomfort using surface electromyography and seat interface pressure," *Transportation Research Part F: Traffic Psychology and Behaviour*, vol. 22, pp. 150-158, 2014.
- [15] International Organization for Standardization, “ISO 26262: Road Vehicles – Functional Safety,” 2018.
- [16] A. V. Surani dan H. Z. Faidlullah, “Hubungan Tingkat Kelelahan terhadap Keluhan Work-Related Musculoskeletal Disorders (WMSDs) pada Ojek Online di Yogyakarta,” Naskah Publikasi, Universitas ‘Aisyiyah Yogyakarta, 2022.
- [17] Interlink Electronics, "FSR 402 Force Sensing Resistor Datasheet," 2021. [Online]. Available: <https://www.interlinkelectronics.com/fsr-402>
- [18] “3135 – Micro Load Cell (0-50 kg) – CZL635,” Datasheet, May 13 2011. [Online]. Available: <https://www.gotronic.fr/pj-461.pdf>
- [19] Sensitronics, “Pressure Mat Sensor for Automotive Applications,” Technical Specification, 2020.
- [20] ISO 11226:2000, “Ergonomics – Evaluation of Static Working Postures,” International Organization for Standardization, 2000.
- [21] Espressif Systems, "ESP32 Series Datasheet," 2023. [Online]. Available: https://www.espressif.com/sites/default/files/documentation/esp32_datasheet_en.pdf
- [22] Arduino, "Arduino Nano Technical Specifications," 2022. [Online]. Available: <https://docs.arduino.cc/hardware/nano>
- [23] STMicroelectronics, “STM32 32-bit Arm Cortex MCUs Datasheet,” 2021.
- [24] Murata Manufacturing Co., “Piezoelectric Sound Components Catalog,” 2020.
- [25] TDK Corporation, “Piezo Speaker PS Series Datasheet,” 2021.
- [26] SanDisk, “MicroSD Card Specifications for Embedded Systems,” Product Datasheet, 2021.
- [27] Google Firebase, "Firebase Realtime Database Documentation," 2022. [Online]. Available: <https://firebase.google.com/docs/database>

- [28] Bluetooth SIG, "Bluetooth Core Specification Version 5.2," 2020. [Online]. Available: <https://www.bluetooth.com/specifications/specs/>
- [29] Texas Instruments Incorporated, *μA7800 Series: Positive-Voltage Regulators, Data Sheet* (SLVS056J – May 1976, Revised May 2003). Dallas, TX: Texas Instruments Inc., 2003. [Online]. Available: <https://cdn.sparkfun.com/assets/1/7/7/3/2/LM7805.pdf>
- [30] Texas Instruments Incorporated, *LM2596 SIMPLE SWITCHER® Power Converter — 150-kHz 3-A Step-down Voltage Regulator, Data Sheet* (SNVS124G – Nov. 1999, Rev. G – Mar. 2023). Dallas, TX: Texas Instruments Inc., 2023. [Online]. Available: <https://www.ti.com/lit/ds/symlink/lm2596.pdf>
- [31] Monolithic Power Systems, *MP1584EN-LF-Z 3A, 1.5 MHz, 28 V Step-down Converter, Data Sheet* (Rev. 1.0, Aug. 2011). [Online]. Available: https://www.monolithicpower.com/en/documentview/productdocument/index/version/2/document_type/Datasheet/lang/en/sku/MP1584EN-LF-Z/document_id/204
- [32] Badan Pusat Statistik Indonesia, "Jumlah Kendaraan Bermotor Menurut Jenis 2023," 2024. [Online]. Available: <https://www.bps.go.id/statictable/2024/01/25/2588/jumlah-kendaraan-bermotor-menurut-jenis-2023.html>

