DAFTAR PUSTAKA

[1]   Y. B. Zikria, R. Ali, M. K. Afzal, dan S. W. Kim, "Next-Generation Internet of Things (IoT): Opportunities, Challenges, and Solutions," *Sensors*, vol. 21, no. 4, hlm. 1174, Feb 2021, doi: 10.3390/s21041174.

[2]   J. Y. Goh dan D. W. Chua, "A comparative analysis of wired vs. wireless data communication technologies".

[3]   D. Eridani, A. F. Rochim, dan F. N. Cesara, "Comparative Performance Study of ESP-NOW, Wi-Fi, Bluetooth Protocols based on Range, Transmission Speed, Latency, Energy Usage and Barrier Resistance," dalam *2021 International Seminar on Application for Technology of Information and Communication (iSemantic)*, Semarangin, Indonesia: IEEE, Sep 2021, hlm. 322–328. doi: 10.1109/iSemantic52711.2021.9573246.

[4]   N. Mitrovic, M. Eordevic, S. Veljkovic, dan D. Dankovic, "Implementation of WebSockets in ESP32 based IoT Systems," dalam *2021 15th International Conference on Advanced Technologies, Systems and Services in Telecommunications (TELSIKS)*, Nis, Serbia: IEEE, Okt 2021, hlm. 261–264. doi: 10.1109/TELSIKS52058.2021.9606244.

[5]   M. Stanglmayr dan G. Prokop, "Method for modeling of motorcycle shifting operations for test rig applications," *Proc. Inst. Mech. Eng. Part J. Automob. Eng.*, hlm. 09544070241306818, Jan 2025, doi: 10.1177/09544070241306818.

[6]   R. A. Himawan dan N. I. Prasetya, "PEMBUATAN MODUL QUICKSHIFTER MENGGUNAKAN ARDUINO UNO SEBAGAI PENGGANTI KOPLING MOTOR".

[7]   K. A. Nugraha, "Efisiensi Pertukaran Data Client-Server menggunakan Web Socket pada Perangkat Berbasis Internet of Things," *J. Edukasi Dan Penelit. Inform. JEPIN*, vol. 10, no. 1, hlm. 33, Apr 2024, doi: 10.26418/jp.v10i1.73145.

[8]   P. W. Rusimamto, E. Endryansyah, L. Anifah, R. Harimurti, dan Y. Anistyasari, "Implementation of arduino pro mini and ESP32 cam for temperature monitoring on automatic thermogun IoT-based," *Indones. J. Electr. Eng. Comput. Sci.*, vol. 23, no. 3, hlm. 1366, Sep 2021, doi: 10.11591/ijeecs.v23.i3.pp1366-1375.

[9]   "Apa itu Mikrokontroler?," Jasa Pembuatan Aplikasi (Android & iOS), Website, IoT Indonesia & AI Solution Jakarta - Indonesia - Impactful Mobile Apps Developer. Diakses: 21 September 2025. [Daring]. Tersedia pada: https://crocodic.com/apa-itu-mikrokontroler/

[10]   E. Montanez dan A. Mastronardi, "Microcontrollers In Education: Embedded Control – Everywhere And Everyday," dalam *2005 Annual Conference Proceedings*, Portland, Oregon: ASEE Conferences, Jun 2005, hlm. 10.938.1-10.938.10. doi: 10.18260/1-2--14812.

[11]   Y. Güven, E. Coşgun, S. Kocaoğlu, H. GeziCi, dan E. Yilmazlar, "Understanding the Concept of Microcontroller Based Systems To Choose The Best Hardware For Applications".

[12]   "Nano | Arduino Documentation." Diakses: 21 September 2025. [Daring]. Tersedia pada: https://docs.arduino.cc/hardware/nano/#tech-specs

[13]   RayMing, "ESP32-WROOM vs. ESP32-C3: Key Differences and Best Use Cases," RayPCB. Diakses: 21 September 2025. [Daring]. Tersedia pada: https://www.raypcb.com/esp32-wroom-vs-esp32-c3/

[14]   "Chip Series Comparison - ESP32-C3 - — ESP-IDF Programming Guide v4.3 documentation." Diakses: 21 September 2025. [Daring]. Tersedia pada: https://docs.espressif.com/projects/esp-idf/en/v4.3/esp32c3/hw-reference/chip-series-comparison.html

[15]   "Establish Serial Connection with ESP32-C3 - ESP32-C3 - — ESP-IDF Programming Guide v5.5.1 documentation." Diakses: 21 September 2025. [Daring]. Tersedia pada: https://docs.espressif.com/projects/esp-idf/en/stable/esp32c3/get-started/establish-serial-connection.html

[16]   A. D. Hassebo, K. B. Montes, dan E. Cabrera, "Arduino-ESP32 based Smart Irrigation System".

[17]   J. Li, D. Li, dan Y. Xu, "Design of Dual MCU Vehicle Control Unit Based on Electric Vehicles to Respond to Control Failure," *IOP Conf. Ser. Earth Environ. Sci.*, vol. 512, no. 1, hlm. 012132, Jun 2020, doi: 10.1088/1755-1315/512/1/012132.

[18]   P. Teuwen dan C. Herrmann, "EEPROM: It Will All End in Tears".

[19]   "WebSocket and Its Difference from HTTP," GeeksforGeeks. Diakses: 22 September 2025. [Daring]. Tersedia pada: https://www.geeksforgeeks.org/web-tech/what-is-web-socket-and-how-it-is-different-from-the-http/

[20]   V. Pimentel dan B. G. Nickerson, "Communicating and Displaying Real-Time Data with WebSocket," *IEEE Internet Comput.*, vol. 16, no. 4, hlm. 45–53, Jul 2012, doi: 10.1109/MIC.2012.64.

[21]   "What Is a Real-Time System?," Intel. Diakses: 22 September 2025. [Daring]. Tersedia pada: https://www.intel.com/content/www/us/en/learn/what-is-a-real-time-system.html

[22]   I. Behnke dan H. Austad, "Real-Time Performance of Industrial IoT Communication Technologies: A Review," *IEEE Internet Things J.*, vol. 11, no. 5, hlm. 7399–7410, Mar 2024, doi: 10.1109/JIOT.2023.3332507.

[23]   D. S. http://www.dealerspike.com, "What Is a Quick Shifter and Why You Might Need One for Your Bike." Diakses: 14 September 2025. [Daring]. Tersedia pada: https://www.bertsmegamall.com/blog/what-is-a-quick-shifter-and-why-you-might-need-one-for-your-bike--26921

[24]   "Quickshifter - Tuning Quickshifter Maps." Diakses: 14 September 2025. [Daring]. Tersedia pada: https://www.woolichracing.com/SupportCenter/Item/531/quickshifter-tuning-quickshifter-maps.aspx

[25]   D. Giovanelli dan E. Farella, "Force Sensing Resistor and Evaluation of Technology for Wearable Body Pressure Sensing," *J. Sens.*, vol. 2016, hlm. 1–13, 2016, doi: 10.1155/2016/9391850.

[26]   "MOSFET Types, Working, Structure, and Applications." Diakses: 25 September 2025. [Daring]. Tersedia pada: https://www.electronicsforu.com/technology-trends/learn-electronics/mosfet-basics-working-applications

[27]   D. Ogheneovo Johnson, "Issues of Power Quality in Electrical Systems," *Int. J. Energy Power Eng.*, vol. 5, no. 4, hlm. 148, 2016, doi: 10.11648/j.ijepe.20160504.12.

[28]   Peng Zhang dan Shufang Li, "The relationship between Ground and EMI," dalam *2005 IEEE International Symposium on Microwave, Antenna, Propagation and EMC Technologies for Wireless Communications*, Beijing, China: IEEE, 2005, hlm. 662–665. doi: 10.1109/MAPE.2005.1617997.

[29]   S. Cho dan J. Y. Lee, "Heat Dissipation of Printed Circuit Board by the High Thermal Conductivity of Photo-Imageable Solder Resist," *Electron. Mater. Lett.*, vol. 6, no. 4, hlm. 167–172, Des 2010, doi: 10.3365/eml.2010.12.167.

[30]   C. Marczok, U. Maass, E. Hoene, I. Ndip, K.-D. Lang, dan D. Hasselberg, "Analysis and improvement of a spark plug for less radiated electromagnetic emissions," dalam *2014 International Symposium on Electromagnetic Compatibility*, Gothenburg: IEEE, Sep 2014, hlm. 385–390. doi: 10.1109/EMCEurope.2014.6930937.