

DAFTAR PUSTAKA

- [1] S. Panth and M. Jivani, "Home Automation System (HAS) using Android for Mobile Phone," *Int. J. Electron. Comput. Sci. Eng.*, vol. 04, no. 25, pp. 4844–4849, 2011.
- [2] R. Ramachandran, "Online Home Automation & Monitoring System," *Int. J. Adv. Technol. Eng. Sci.*, vol. 02, no. December 2014, pp. 581–588, 2014.
- [3] S. Wasoontarajaroen, K. Pawasan, and V. Chamnanphrai, "Development of an IoT device for monitoring electrical energy consumption," *2017 9th Int. Conf. Inf. Technol. Electr. Eng. ICITEE 2017*, vol. 2018-Janua, pp. 1–4, 2017.
- [4] I. Ahmed, "IoT based Energy Saving Strategies for Student Hall at University of Chittagong , Bangladesh," vol. 177, no. 46, pp. 36–40, 2020.
- [5] J. February, K. Ahmad, A. Hwaitat, and C. Science, "Science Available Online at <http://www.warse.org/IJATCSE/static/pdf/file/ijatcse34912020.pdf> A Survey on Li Fi Technology and Internet of Things (IOT)," vol. 9, no. 1, 2020.
- [6] S. Panth and M. Jivani, "Designing Home Automation System (HAS) using Java ME for Mobile Phone," no. October, 1956.
- [7] M. Abo-Zahhad, S. M. Ahmed, M. Farrag, M. F. A. Ahmed, and A. Ali, "Design and implementation of building energy monitoring and management system based on wireless sensor networks," *Proc. - 2015 10th Int. Conf. Comput. Eng. Syst. ICCES 2015*, pp. 230–233, 2016.
- [8] S. U. Alam, R. Ahmed, M. S. Imam, M. Farshid, M. A. Hossain, and M. A. Islam, "Design and Implementation of Website based Energy Consumption Monitoring and Controlling," *2019 Int. Conf. Comput. Commun. Informatics, ICCCI 2019*, pp. 1–7, 2019.
- [9] A. M. Said, N. O. A. Aziz, W. M. El-Medany, and A. Abu Hassan, "Design and implementation of energy management systems for Bahrain smart cities," *IET Conf. Publ.*, vol. 2018, no. CP747, pp. 1–5, 2018.
- [10] T. Tantidham, S. Ngamsuriyaros, N. Tungamnuayrith, T. Nildam, K.

- Banthao, and P. Intakot, "Energy Consumption Collection Design for Smart Building," *2018 Int. Conf. Embed. Syst. Intell. Technol. Int. Conf. Inf. Commun. Technol. Embed. Syst. ICESIT-ICICTES 2018*, no. 4, pp. 1–6, 2018.
- [11] M. Nasar, N. Setyawan, A. Faruq, and I. Sulistiyowati, "A Simple Real-Time Energy Analytics Model for Smart Building Using Open IoT Platforms," vol. 19, no. 2, pp. 83–90, 2019.
- [12] S. Siregar and D. Soegiarto, "Solar panel and battery street light monitoring system using GSM wireless communication system," *2014 2nd Int. Conf. Inf. Commun. Technol. ICoICT 2014*, pp. 272–275, 2014.
- [13] P. Bhaskar, "Raspberry Pi Home Automation With Wireless Sensors Using Smart Phone," *Int. J. Comput. Sci. Mob. Comput.*, vol. 45, no. 5, pp. 797–803, 2015.
- [14] B. Sunaryo, M. I. Rusydi, A. Manab, A. Luthfi, . R., and T. Septiana, "Sistem Informasi Manajemen Perangkat Elektronik Berbasis Web," *J. Nas. Teknol. dan Sist. Inf.*, vol. 2, no. 1, pp. 75–82, 2016.
- [15] V. Vujović and M. Maksimović, "Raspberry Pi as a Sensor Web node for home automation," *Comput. Electr. Eng.*, vol. 44, pp. 153–171, 2015.
- [16] L. D. S and P. S. P. Singh, "International Journal Of Advanced Engineering & Innovative Technology (IJAEIT) ISSN : 2348 7208 An Automation System by Using Raspberry Pi as a Sensor Web-Node," 2015.
- [17] M. Maksimović, V. Vujović, N. Davidović, V. Milošević, and B. Perišić, "Raspberry Pi as Internet of Things hardware: Performances and Constraints," *Des. Issues*, vol. 3, no. JUNE, p. 8, 2014.
- [18] V. Vujović and M. Maksimović, "Raspberry Pi as a Wireless Sensor node: Performances and constraints," *2014 37th Int. Conv. Inf. Commun. Technol. Electron. Microelectron. MIPRO 2014 - Proc.*, no. June, pp. 1013–1018, 2014.
- [19] D. R. P. Patnaikuni, "A Comparative Study of Arduino, Raspberry Pi and ESP8266 as IoT Development Board," *Int. J. Adv. Res. Comput. Sci.*, vol. 8, no. 5, pp. 2350–2352, 2017.
- [20] M. Kusriyanto and B. D. Putra, "Smart Home Using Local Area Network

- (Lan) Based Arduino Mega 2560,” *Proc. - ICWT 2016 2nd Int. Conf. Wirel. Telemat. 2016*, pp. 127–131, 2017.
- [21] R. Khwanrit, S. Kittipiyakul, J. Kudtonanggam, and H. Fujita, “Accuracy Comparison of Present Low-cost Current Sensors for Building Energy Monitoring,” *2018 Int. Conf. Embed. Syst. Intell. Technol. Int. Conf. Inf. Commun. Technol. Embed. Syst. ICESIT-ICICTES 2018*, pp. 3–8, 2018.
- [22] Andreas, C. R. Aldawira, H. W. Putra, N. Hanafiah, S. Surjarwo, and A. Wibisurya, “Door security system for home monitoring based on ESP32,” *Procedia Comput. Sci.*, vol. 157, pp. 673–682, 2019.
- [23] N. Surantha and W. R. Wicaksono, “Design of Smart Home Security System using Object Recognition and PIR Sensor,” *Procedia Comput. Sci.*, vol. 135, pp. 465–472, 2018.
- [24] S. Coelho, R. Rozario, R. Sharma, and M. Mehra, “An IOT Based Smart Cubicle System for Effective Power Usage and Employee Monitoring in Offices,” *2018 Int. Conf. Smart City Emerg. Technol. ICSCET 2018*, pp. 1–6, 2018.
- [25] Z. Kamal, A. Mohammed, E. Sayed, and A. Ahmed, “Internet of Things Applications, Challenges and Related Future Technologies,” *World Sci. News*, vol. 67, no. 2, pp. 126--148, 2017.
- [26] M. Miskuf and E. Kajati, “Smart metering IoT solution based on NodeMCU for more accurate energy consumption analysis,” *Iaras.Org*, vol. 2, pp. 115–121, 2020.

