

DAFTAR PUSTAKA

- [1] A. Kurnianingsih, , S., and M. Sefrila, “Karakter Pertumbuhan Tanaman Bawang Merah Pada Berbagai Komposisi Media Tanam,” *J. Hortik. Indones.*, vol. 9, no. 3, pp. 167–173, 2019.
- [2] T. Kami, “Ubinan bawang merah,” pp. 7–8, 2021.
- [3] R. Gunawan, T. Andhika, . S., and F. Hibatulloh, “Monitoring System for Soil Moisture, Temperature, pH and Automatic Watering of Tomato Plants Based on Internet of Things,” *Telekontran J. Ilm. Telekomun. Kendali dan Elektron. Terap.*, vol. 7, no. 1, pp. 66–78, 2019, doi: 10.34010/telekontran.v7i1.1640.
- [4] K. K. Patel, S. M. Patel, and P. G. Scholar, “Internet of Things-IOT: Definition, Characteristics, Architecture, Enabling Technologies, Application & Future Challenges,” *Int. J. Eng. Sci. Comput.*, vol. 6, no. 5, pp. 1–10, 2016, [Online]. Available: <http://ijesc.org/>.
- [5] D. Indriati and H. Putri, “Framework Design IoT for Smart Agriculture,” vol. 04, no. 01, pp. 1–8, 2021.
- [6] I. W. R. Aryanta, “Bawang Merah Dan Manfaatnya Bagi Kesehatan,” *Widya Kesehat.*, vol. 1, no. 1, pp. 29–35, 2019.
- [7] I. A. Saputro, J. E. Suseno, and E. Widodo, “Rancang bangun sistem pengaturan kelembaban tanah secara real time menggunakan mikrokontroler dan diakses di web,” *Youngster Phys. J.*, vol. 6, no. 1, pp. 40–47, 2017.
- [8] M. Masrie, A. Z. M. Rosli, R. Sam, Z. Janin, and M. K. Nordin, “Integrated optical sensor for NPK Nutrient of Soil detection,” *2018 IEEE 5th Int. Conf. Smart Instrumentation, Meas. Appl. ICSIMA 2018*, no. June 2019, pp. 1–4, 2019, doi: 10.1109/ICSIMA.2018.8688794.
- [9] E. Efendi, D. W. Purba, and N. U. H. Nasution, “Respon pemberian pupuk NPK mutiara dan bokashi jerami padi terhadap pertumbuhan dan produksi tanaman bawang merah (*Allium ascalonicum* L),” *Bernas*, vol. 13, no. 3, pp. 20–29, 2017, [Online]. Available:

<http://jurnal.una.ac.id/index.php/jb/article/view/131>.

- [10] K. M. Khokhar, “Mineral nutrient management for onion bulb crops—a review,” *J. Hortic. Sci. Biotechnol.*, vol. 94, no. 6, pp. 703–717, 2019, doi: 10.1080/14620316.2019.1613935.
- [11] S. C. Gaddam and M. K. Rai, “A comparative study on various LPWAN and cellular communication technologies for IoT based smart applications,” *2018 Int. Conf. Emerg. Trends Innov. Eng. Technol. Res. ICETIETR 2018*, pp. 1–8, 2018.
- [12] Q. Zhou, K. Zheng, L. Hou, J. Xing, and R. Xu, “Design and implementation of open LORa for IoT,” *IEEE Access*, vol. 7, pp. 100649–100657, 2019, doi: 10.1109/ACCESS.2019.2930243.
- [13] Kementerian Komunikasi dan Informatika, “Peraturan Direktur Jendral Sumberdaya dan Perangkat POS dan Informatika Nomor 3 Tahun 2019 Tentang Persyaratan Teknis dan Alat Telomunikasi Low Power Wide Area.” p. 38, 2019.
- [14] M. Bor and U. Roedig, “LoRa transmission parameter selection,” *Proc. - 2017 13th Int. Conf. Distrib. Comput. Sens. Syst. DCOSS 2017*, vol. 2018-Janua, pp. 27–34, 2018, doi: 10.1109/DCOSS.2017.10.
- [15] P. Devi, D. Istianti, S. Y. Prawiro, N. Bogi, A. Karna, and I. A. Nursafa, “Analisis Performansi Teknologi Akses LPWAN LoRa Antares Untuk Komunikasi Data End Node,” *Citee 2019*, pp. 22–26, 2019.
- [16] A. Dash, S. Pal, and C. Hegde, “Ransomware Auto-Detection in IoT Devices using Machine Learning,” *Int. J. Eng. Sci. Comput.*, vol. 8, no. December, pp. 0–10, 2018, [Online]. Available: <http://ijesc.org/>.
- [17] J. Rubio-Aparicio, F. Cerdan-Cartagena, J. Suardiaz-Muro, and J. Ybarra-Moreno, “Design and implementation of a mixed IoT LPWAN network architecture,” *Sensors (Switzerland)*, vol. 19, no. 3, 2019, doi: 10.3390/s19030675.
- [18] K.haim, D. Chong, M. Mow, Hartono, T. S. Ng, and Dicky, “Arduino-based IDE for Embedded Multi-processor,” *IOP Conf. Ser. Earth Environ. Sci.*, pp. 135–138, 2019.

- [19] T. Munasinghe, E. W. Patton, and O. Seneviratne, “IoT Application Development Using MIT App Inventor to Collect and Analyze Sensor Data,” *Proc. - 2019 IEEE Int. Conf. Big Data, Big Data 2019*, pp. 6157–6159, 2019, doi: 10.1109/BigData47090.2019.9006203.
- [20] T. Little, I. Range, and T. Much, “Important Information About Your New Meter What Is Soil Fertility ? How To Interpret Your Results If the Tester Reads ‘ Too Little ’ If the Tester Reads ‘ Ideal ’ If the Tester Reads “ Too Much “ the Value of Potassium (Potash).”
- [21] Arifin, “No 主観的健康感を中心とした在宅高齢者における 健康関連指標に関する 共分散構造分析Title,” *J. Mater. Process. Technol.*, vol. 1, no. 1, pp. 1–8, 2018, [Online]. Available:
<http://dx.doi.org/10.1016/j.cirp.2016.06.001><http://dx.doi.org/10.1016/j.powtec.2016.12.055><https://doi.org/10.1016/j.ijfatigue.2019.02.006><https://doi.org/10.1016/j.matlet.2019.04.024><https://doi.org/10.1016/j.matlet.2019.127252><http://dx.doi.org/10.1016/j.matlet.2019.127252>
- [22] J. Yusuf Sukman, “Опыт аудита обеспечения качества и безопасности медицинской деятельности в медицинской организации по разделу «Эпидемиологическая безопасностьNo Title,” *Вестник Росздравнадзора*, vol. 4, pp. 9–15, 2017.
- [23] A. Zarkasi, A. Rohman, and M. F. Putra, “Palang Pintu Otomatis Berbasis SMS Gateway,” *Pros. Annu. Res. Semin. 2018*, vol. 4, no. 1, pp. 978–979, 2018.
- [24] P. D. D. Istianti and N. Bogi, “Perancangan Dan Implementasi Device Tentang Teknologi Akses Lpwan Lora Untuk Monitoring Air Sungai Citarum Device Design and Implementation About Lpwan Lora Access Technology for Citarum River Water Monitoring,” *E-Proceeding Eng.*, vol. 6, no. 2, pp. 4471–4478, 2019.
- [25] D. Sallyna, U. K. Usman, and M. A. Murti, “Perencanaan Jaringan Long Range (LoRa) Pada Frekuensi 920 MHz – 923 MHz Di Kota Bandung Long Range (LoRa) Network Planning With Frequency 920 MHz – 923 MHz In Bandung City,” *E-Proceeding Eng.*, vol. 7, no. 1, pp. 1–8, 2020.
- [26] 知野, 哲郎 杉野誠, “No Title高齢者医療費の格差とその経済的含意.”

- [27] E. Prasetyo, A. Hamzah, and E. Sutanta, “Analisa Quality of Service (QoS) Kinerja Point to Point Protocol Over Ethernet (PPPOE) dan Point to Point Tunneling Protocol (PPTP),” *J. Jarkom*, vol. 4, no. 1, pp. 29–37, 2016, [Online]. Available: <https://journal.akprind.ac.id/index.php/jarkom/article/view/1056>.
- [28] ITU-T, “G.1010: End-user multimedia QoS categories,” *Int. Telecommun. Union*, vol. 1010, 2001, [Online]. Available: http://scholar.google.com.au/scholar?hl=en&q=ITU-T+Recommendation+G.1010&btnG=&as_sdt=1,5&as_sdt=7.
- [29] S. Budiyanto, K. N. Nahampun, F. A. Silaban, L. M. Silalahi, and F. R, “Optimalisasi Private Cloud Storage Berbasis Devstack Guna Meningkatkan Performansi Network Function Virtual,” *TELKA - Telekomun. Elektron. Komputasi dan Kontrol*, vol. 6, no. 1, pp. 1–9, 2020, doi: 10.15575/telka.v6n1.1-9.
- [30] J. T. Elektro, F. Sains, D. A. N. Teknologi, and U. S. Dharma, “Penyiram tanaman otomatis dan pemantau kondisi tanah jarak jauh dengan deteksi lokasi,” 2020.