

DAFTAR PUSTAKA

- [1] F. Syafutra, “Perlindungan Hukum Terhadap Kura-Kura Moncong Babi Sebagai Satwa Langka Menurut Konvensi Cites 1975,” vol. 11, no. Vol. 11 No. 2 (2020): Article Wisudawan Ke 74, Desember 2020, p. 1, 02 11 2020.
- [2] D. L, “Perdagangan Satwa Liar Ilegal Capai Rp13 Triliun, Apa yang Bisa Diupayakan?,” 5 11 2019. [Online]. Available: <https://www.mongabay.co.id/2019/11/05/perdagangan-satwa-liar-ilegal-capai-rp13-triliun-apa-yang-bisa-diupayakan/>. [Diakses 5 12 2021].
- [3] “Empat Belas Jenis Kura-kura Asli Indonesia yang Dilindungi Pemerintah,” 1001 Indonesia, 18 july 2021. [Online]. Available: <https://1001indonesia.net/empat-belas-jenis-kura-kura-asli-indonesia-yang-dilindungi-pemerintah/>. [Diakses 13 November 2021].
- [4] D. I. Qayyim, M. D. Kusri dan A. Mardiasuti, “Perdagangan Dan Pemanfaatan Kura-Kura Di Palu, Sulawesi Tengah Dan Sekitarnya,” dalam *Riset Sebagai Fondasi Konservasi dan Pemanfaatan*, Pusat Penelitian Biologi, Lembaga Ilmu Pengetahuan Indonesia, 2018, pp. 473-482.
- [5] I. I. Sari, A. Ruyani dan A. P. Yani, “Pengembangan Lembar Kegiatan Peserta Didik Untuk Menilai,” *Jurnal Pendidikan dan Pembelajaran Biologi*, vol. 3, no. 1, pp. 25-31, 2019.
- [6] P. Widyantoro, “Smart Turtle Egg Incubator” (Stur Egi) Bertenaga Surya Untuk Meningkatkan Keberhasilan Penetasan Telur Penyu,” *Jurnal Edukasi Elektro*, vol. 3, no. 1, pp. 36-41, 2019.
- [7] R. Sanjaya, *Budidaya Kura-Kura Teknik Pemeliharaan Secara Tepat dan Terpadu*, Jogjakarta: Trans Idea Publishing, 2018.
- [8] B. M. Tezak, . I. S. Romero dan J. . W. , “A New Approach For Measuring Temperature Inside Turtle eggs,” *Journal of Experimental Biology*, no. 221, pp. 1-5, 24 Desember 2018.
- [9] S. Arifin, “Rancang Bangun Mesin Penetas Telur Reptil Otomatis Berbasis Arduino,” *Thesis, Universitas Komputer Indonesia*, 2020.

- [10] S. Turyana, “Capacitive Soil Moisture Sensor Untuk Mengukur Kelembaban Tanah,” *Jurnal Komputer Unikom 2021* , pp. 1-22, 2021.
- [11] F. Fadlan, “Rancang Bangun Sistem Monitoring Kelembapan Tanah Dan Intensitas Cahaya Pada Tanaman Microgreen Berbasis Iot,” 2021.
- [12] I. Y. Syas dan F. A. Rakhmadi, “Prototipe Sistem Monitoring Serta Kendali Suhu Dan Kelembapan Ruangan Budidaya Jamur Tiram Putih Menggunakan Sensor Dht22 dan Mikrokontroler Nodemcu,” *Sunan Kalijaga JournalofPhysics*, vol. 1, no. 1, pp. 7-13, 2019.
- [13] C. Leone, *The Essential Guide to Hatching All Species of Tortoises and Freshwater Turtles*, amerika serikat, 2013.
- [14] D. A. Paredes, “Perlite Sustainable Solution to Improve Water Use Efficiency and Crop Productivity under Drought Conditions,” 2018.
- [15] s. Indriyanto, “IoT vs M2M,” [Online]. Available: <https://lms.ittelkom-pwt.ac.id/mod/resource/view.php?id=3625>.
- [16] “Pengertian, Layanan dan Parameter Quality of Service (QoS),” [Online]. Available: <https://www.kajianpustaka.com/2019/05/pengertian-layanan-dan-parameter-quality-of-service-qos.html>. [Diakses 20 Maret 2022].
- [17] F. Hasanul, “Analisis Qos (Quality of Service) Pengukuran Delay, Jitter, Packet Lost Dan Throughput Untuk Mendapatkan Kualitas Kerja Radio Streaming Yang Baik,” *J. Teknol. Inf. dan Komunikasi*, vol. 7, no. 2, p. 98–105, 2018.
- [18] TIPHON, “Telecommunications and Internet Protocol Harmonization Over Networks (TIPHON); General aspects of Quality of Service (QoS),” *Etsi Tr*, vol. 1, p. 1–37, 1999.
- [19] espressif systems, “ESP32 Series Datasheet,” Version 3.0, 2019.
- [20] “Pinout ESP32,” myrobot.ru, 27 maret 2022. [Online]. Available: <https://myrobot.ru/wiki/index.php?n=Experiences.Esp32Pinout>.
- [21] S. . A. W. . dan C. Y. , “Perancangan Home Automation Berbasis NodeMCU,” vol. 8, no. 1, pp. 64-71, 2019.

- [22] s. relay, "Relay ISO9002" Available: <https://www.circuitbasics.com/wp-content/uploads/2015/11/SRD-05VDC-SL-C-Datasheet.pdf> .
- [23] A. h. Saptadi, "Perbandingan Akurasi Pengukuran Suhu dan Kelembaban Antara Sensor DHT11 dan DHT22 Studi Komparatif pada Platform ATMEL AVR dan Arduino," *Jurnal Infotel*, vol. 6, no. 2, 2015.
- [24] L. T, "Digital-output relative humidity & temperature sensor/module DHT22 (DHT22 also named as AM2302) Capacitive-type humidity and temperature module/sensor".
- [25] "Fungsi LM2596 serta contohnya sebagai IC Variabel Power Supply," rangkaian Elektronika, [Online]. Available: <https://rangkaiaelektronika.info/fungsi-lm2596-serta-contohnya-sebagai-ic-variable-power-supply/>. [Diakses 2 Juni 2022].
- [26] "Step-Down Switching Regulator Datasheet," HTC, 2004.
- [27] "Mini DC Submersible Pump - 3 to 6 V operation," rare components, 2022. [Online]. Available: <https://rarecomponents.com/store/1971>.
- [28] G. K. Nuraini, "Monitoring Suhu dan Kelembaban Menggunakan Sensor," *Universitas Sumatera Utara*, pp. 14-15, 2020.
- [29] M. Sahrul, E. dan Y. S. , "Alat Penyiraman Tanaman Otomatis Menggunakan Capacitive Soil Moisture Sensor V2.0 Berbasis Arduino Uno," *Aisyah Journal of Informatics and Electrical Engineering*, vol. xx, no. xx, pp. 1-8, 2020.
- [30] Dionisius, "ANALOG-DIGITAL CONVERTER DAN DIGITAL-ANALOG CONVERTER," pp. 3-12, 2014.
- [31] G. Bloice, "Wireshark Developer's Guide," [Online]. Available: <https://www.wireshark.org/>.
- [32] E. Pr, "Mengenal MQTT," [Online]. Available: <https://medium.com/pemrograman/mengenal-mqtt-998b6271f585>.
- [33] A. W. P. Putra, A. Bhawiyuga dan M. Data, "Implementasi Autentikasi JSON Web Token (JWT) Sebagai Mekanisme Autentikasi Protokol MQTT Pada Perangkat NodeMCU," *Jurnal Pengembangan Teknologi Informasi dan Ilmu Komputer*, vol. 2, no. 2, pp. 584-593, 2018.

- [34] "Platform Antares," Antares, [Online]. Available: <https://antares.id/id/>
- [35] F. I. Dwinata, I. N. P. Permanasarib dan M. Y. Darmawan, "Aplikasi Sensor Cahaya Bh1750 Sebagai Sistem," *Journal of Science and Applicative Technology*, vol. xx, no. xx, pp. 1-8, 2019.
- [36] D. Santoso, *Alat Ukur dan Teknik Pengukuran*, Jakarta: Departemen Pendidikan Nasional, 2008.
- [37] R. Ulfiati, T. . P. dan R. M. Karina, "FAKTOR YANG MEMPENGARUHI PRESISI DAN AKURASI DATA HASIL UJI DALAM MENENTUKAN KOMPETENSI LABORATORIUM," *Lembaran Publikasi Minyak dan Gas Bumi* , vol. 51, pp. 6-7, 2017.
- [38] [Online]. Available: <https://id.aliexpress.com/item/32817824145.html?gatewayAdapt=glo2idn>.
- [39] "Capacitive Analog Soil Moisture Sensor," Nettigio, [Online]. Available: <https://nettigo.eu/products/capacitive-analog-soil-moisture-sensor>.
- [40] "ADS111x Ultra-Small, Low-Power,I2C-Compatible, 860-SPS, 16-Bit ADCs With Internal Reference, Oscillator, and Programmable Comparator," Texas Instruments, texas, 2018.