

DAFTAR PUSTAKA

- [1] E. Purnama, "Medium.com," 21 November 2018. [Online]. Available: <https://medium.com/pujanggateknologi/berkenalan-dengan-teknologi-mqtt-7e63cab9d00d>. [Accessed Selasa Mei 2020].
- [2] A. Kusuma, D. Darlis and A. Novianti, "Implementasi Smart Garden Watering Pada Taman Asrama Universitas Telkom Menggunakan Modul Ethernet Pada Raspberry Pi Berbasis IoT," Universitas Telkom, Bandung, 2019.
- [3] D. M. Sari, Z. B. Hasanuddin and D. , "Sistem Kontrol Dan Monitoring Pertumbuhan Tanaman Hortikultura Pada Smart Garden," *Jurnal IT*, vol. 8 no 1, p. 7, 2017.
- [4] S. E. Pratama, M. A. Murti and S. Sumaryo, "Perancangan Dan Realisasi NodeMCU IoT Komunikasi Lora," Universitas Telkom, Bandung, 2019.
- [5] N. H. L. Dewi, M. F. Rohmah and S. Zahra, "Prototype Smart Home Dengan Modul NodeMCU ESP8266 Berbasis Internet of Things(IoT)," Universitas Islam Majapahit, Mojokerto, 2019.
- [6] I. I. Tritoasmoro, R. Magdalena and T. Kawulusan, "Sistem Deteksi Pelanggaran Di persimpangan Lalu Lintas Pada Mobil Dengan OpenCV Menggunakan Raspberry Pi," Telkom University, Bandung, 2020.
- [7] A. Kadir, "Buku Pintar Pemogramaan Arduiono : Tutorial Mudah dan Praktis Membuat Perangkat Elektronik Berbasis Arduino," in *Arduino*, Yogyakarta, MediaKom, 2015.
- [8] H. Cahyadi, "docplayer.info," 2018. [Online]. Available: <https://docplayer.info/72813694-Blok-diagram-umum-mikrokontroler-adalah-sebagai-berikut.html>. [Accessed 20 Mei 2020].
- [9] R. Oktavianus, I. and N. F. Muchlis, "Desain dan Implementasi Sistem Monitoring Kelembaban Tanah Berbasis Android," *semanTIK*, Vols. Vol.3, No.2, 2017.
- [10] R. P. Pratama, "Aplikasi Webserver Esp8266 Untuk Pengendali Peralatan Listrik," *Invotek*, Vols. Vol. 17, No. 2, 2017.
- [11] A. Suharjono, L. N. Rahayu and Roudlotul, "Aplikasi Sensor Flow Water Untuk Mengukur Penggunaan Air Pelanggan Secara Digital Serta Pengiriman Data Secara Otomatis Pada PDAM Kota Semarang," *Jurnal Tele*, Vols. Vol. 15, No. 1, 2015.

- [12] "theorycircuit.com," theoryCIRCUIT, 2018. [Online]. Available: <https://theorycircuit.com/water-flow-sensor-yf-s201-arduino-interface/>. [Accessed 23 Mei 2020].
- [13] wawasan, "Algoritsa.com," Algoritsa, 20 Januari 2020. [Online]. Available: <http://www.algorista.com/2020/01/relay.html>. [Accessed 23 Mei 2020].
- [14] V. Masinambow, M. E. Najohan and A. S. Lumenta, "Pengendali Saklar Listrik Melalui Ponsel Pintar," *e-journal Teknik Elektro dan Komputer*, 2014.
- [15] T. W. Sasongko, "Perancangan Video Profile Produk Solar Panel Tenaga Surya PT.Inodgreen Technology and Management," Institut Manajemen Telkom, Bandung, 2017.
- [16] K. Cimahi, "angipermana.top," 10 June 2020. [Online]. Available: <https://angipermana.top/pembangkit-listrik-tenaga-surya/>. [Accessed 23 Mei 2020].
- [17] Y. G. Sidik, Z. Romdhony and B. S. Aprillia, "SIstem Kendali PID Pada Panel Surya Dual-Axis PID Position *Control* of Dual-Axis Solar Panel," Universitas Telkom, Bandung, 2020.
- [18] H. Andrianto and A. Darmawan, *Arduino Belajar Cepat Dan Pemograman*, Bandung: Informatika, 2015.
- [19] "pinterkelas.com," pinterkelas, 2019. [Online]. Available: <https://pinterkelas.com/rumus-rangkaian-seri-dan-paralel/>. [Accessed 23 Mei 2020].
- [20] "Adafruit," [Online]. Available: https://media.digikey.com/pdf/Data%20Sheets/Adafruit%20PDFs/997_Web.pdf. [Accessed 23 Mei 2020].
- [21] M. Ilhami, "Pengenalan Google Firebase Untuk Hybrid Mobile Apps Berbasis Cordova," *Jurnal IT CIDA*, Vols. Vol. 3, No. 1, 2017.
- [22] "elektor.com," [Online]. Available: <https://www.elektor.com/nodemcu-microcontroller-board-with-esp8266-and-lua>. [Accessed 23 Mei 2020].
- [23] "Handson Technology," [Online]. Available: <http://www.handsontec.com/>. [Accessed 23 Mei 2020].
- [24] "Raspberry Pi 3 Model B," Raspberry pi, [Online]. Available: <https://www.raspberrypi.org/products/raspberry-pi-3-model-b/?business=true>. [Accessed 23 Mei 2020].

- [25] D. Rahmawati, F. Herawati, G. Saputra and Hendro, "Karakteristik Sensor Kelembapan Tanah (YL-69) untuk Otomatisasi Penyiraman Tanaman Berbasis Arduino Uno," Institut Teknologi Bandung, Bandung, 2017.
- [26] "purwokerto Robotika," 7 Desember 2019. [Online]. Available: <https://purwokertorobotic.blogspot.com/2019/12/soil-moisture-hygrometer-modul-sensor.html?m=0>. [Accessed 23 Mei 2020].
- [27] M. P. Jones, "Manualzz.com," [Online]. Available: <https://manualzz.com/doc/14232288/30382mp>. [Accessed 24 Agustus 2020].
- [28] C. Parmar, "Medium.com," 12 Februari 2019. [Online]. Available: <https://medium.com/@chirag.parmar/know-your-sensor-yl38-soil-hygrometer-fceca860faac>. [Accessed 24 Agustus 2020].
- [29] msyefudin, "Digital Apik," 8 Desember 2019. [Online]. Available: <https://digitalapik.blogspot.com/2019/12/program-relay-1-channel-pada-arduino.html>. [Accessed 23 Mei 2020].
- [30] "Wiki.seedstudio.com," Seed, [Online]. Available: https://wiki.seedstudio.com/G3-4_Water_Flow_sensor/. [Accessed 23 Mei 2020].
- [31] "sea.banggod.com," Banggood, [Online]. Available: https://sea.banggood.com/id/DC-12V-2-Way-Normally-Closed-Valve-Brass-Electric-Solenoid-Valves-For-Air-Water-p-1271797.html?cur_warehouse=CN. [Accessed 23 Mei 2020].
- [32] "solectroshop.com," solectro, [Online]. Available: <https://solectroshop.com/en/dispositivos-solares/254-panel-solar-diy-6v-11w-200ma.html>. [Accessed 23 Mei 2020].
- [33] "Addicore.com," Addicore, [Online]. Available: <https://www.addicore.com/TP4056-Charger-and-Protection-Modul-p/ad310.htm>. [Accessed 23 Mei 2020].
- [34] "Walmart.com," [Online]. Available: <https://www.walmart.ca/en/ip/5-Pack-Orbit-2-Inch-Half-Spray-Pattern-Pop-Up-Sprinkler-Head-with-Twin-Spray-Brass-Nozzle/PRD1TPR9PN5P9IS>. [Accessed 24 Agustus 2020].
- [35] "Amazon.com," [Online]. Available: https://www.amazon.com/yoyomax-Moisture-Tester-Testing-Garden/dp/B07HP4FGYG/ref=pd_lpo_86_t_1/144-6433940-3618201?_encoding=UTF8&pd_rd_i=B07HP4FGYG&pd_rd_r=df49feed-132f-45ea-bcb1-7454d1ebb87a&pd_rd_w=5nvVF&pd_rd_wg=8RXHa&pf_rd_p=7b36d496-f366-4631-94d3-6. [Accessed 24 Agustus 2020].

[36] E. D. Kristianto, "Ilmukomputer.com," [Online]. Available:
<https://ilmukomputer.org/wp-content/uploads/2012/10/endi-menghitung.pdf>.
[Accessed 07 28 2020].