

## DAFTAR PUSTAKA

- [1] W.Setiawan, “Era Digital dan Tantangannya,” in Seminar Nasional Pendidikan 2017, Sukabumi, 2017. [Online]. Available: <https://eprints.ummi.ac.id/151/>, Okt. 2023.
- [2] M. A. Alwy, “Manajemen Sumber Daya Manusia di Era Digital Melalui Lensa Manajer Sumber Daya Manusia Generasi Berikutnya,” Jurnal Ilmiah Teknologi Informasi, vol. 17, no. 2, pp. 121-128, 2019 [Online]. Available: [5c03d7cd97fd728bde0f9d148797401462d5.pdf](https://www.semanticscholar.org/paper/5c03d7cd97fd728bde0f9d148797401462d5.pdf) ([semanticscholar.org](https://www.semanticscholar.org)), Okt. 2023.
- [3] Accounting, “Pentingnya *Human Resources Information System* (HRIS) bagi Perusahaan - Part 1,” Accounting, 23 Nov. 2021. [Online]. Available: [Pentingnya Human Resources Information System \(HRIS\) bagi Perusahaan \(Part 1\) – Accounting \(binus.ac.id\)](https://www.binus.ac.id/), Okt. 2023.
- [4] ADV, “Optimalisasi Sistem Akses Kontrol untuk Keamanan Gedung Perkantoran Anda,” KONTAN, 31 Agustus 2021. [Online]. Available: [Optimalisasi Sistem Akses Kontrol untuk Keamanan Gedung Perkantoran Anda \(kontan.co.id\)](https://www.kontan.co.id/), Okt. 2023.
- [5] H. Dahlan, “Direktorat Teknologi Informasi,” Lembaga Pengembangan Teknologi Informasi dan Komunikasi Universitas Andalas, [Online]. Available: <https://lptik.unand.ac.id/>. Okt. 2023.
- [6] S. Rahmawati, P. W. Ciptadi, and R. H. Hardyanto, “Sistem *Smart Class* untuk Presensi Mahasiswa dan Akses Pintu Kelas Berbasis RFID,” Prosiding Seminar Nasional Dinamika Informatika, 2021. [Online]. Available: <https://prosiding.senadi.upy.ac.id/index.php/senadi/article/download/227/201>, Okt. 2023.

- [7] B. M. Susanto, F. E. Purnomo, and I. Fahmi, "Sistem Keamanan Pintu Berbasis Pengenalan Wajah Menggunakan Metode *Fisherface*" Jurnal Ilmiah Inovasi, Vol. 17, No. 1, Edisi Januari – April 2017, ISSN 1411 – 5549.
- [8] A. T. Prakasa, S. A. Faraby and Adiwijaya, "Analisis dan Implementasi Metode *Minutiae Extraction* dan *Template Matching* untuk Klarifikasi Sidik Jari" e-Proceeding of Engineering, vol. 4, no. 2, page 3011, Agustus 2017, ISSN : 2355 – 9365.
- [9] R. Cahyaningtiyas, E. Yosrita, and R. Arianto, "*The Automatic Doors Integrated Absence And User Access Using Fingerprint* " in Jurnal Ilmiah Fifo, P-ISSN 2085-4315/E-ISSN 2502-8332.
- [10] Y. Hasan, "*The Automatic Door Lock to Enhance Security in RFID System,*" in Journal of Physics: Conference Series, 2019, doi: 10.1088/1742-6596/1500/1/012132
- [11] A. S. Falohun, dkk. "*Design and Construction of A Door Security Alarm System Based On SMS Verification And Voice Recognition*", International Journal of Advanced Research in Computer Science, Vol. 12, No. 3, May – June 2021, doi: <http://dx.doi.org/10.26483/ijarcs.v12i3.6705>.
- [12] Fortinet, "*What is Quality of Service (QoS) in Networking?*" [Online]. Available: <https://www.guru99.com/functional-testing.html>, 19 februari 2024.
- [13] "Mengenal Apa Itu Teknologi RFID, Sejarah, dan Tipenya - Tirto.ID," Tirto.ID, 26-Jul-2017. [Online]. Available: 1,19-Feb-2024.
- [14] S. Prabhu, "*RFID Technology and Applications*", IEEE Potentials, vol. 25, no. 2, pp. 12-17, Mar.-Apr. 2006.
- [15] R. Susanto, A. Ananta, A. Santoso, et al., "Sistem Absensi Berbasis RFID," Jurnal Teknik Komputer, vol. 17, no. 1, pp. 37-42, 2009. [Online].

Available: [Microsoft Word - 07 - Rudi Susanto - Sistem Absensi Berbasis RFID.doc \(binus.ac.id\)](#), Nov. 2023.

- [16] L. S. Alfarizi, A. D. Septiadi, and K. Indartono, "Pemanfaatan Teknologi *Radio Frequency Identification* (RFID) Untuk Sistem Presensi Pegawai," *Jurnal Teknologi Informasi dan Ilmu Komputer*, vol. 7, no. 4, pp. 1-8, 2020. [Online]. Available: <https://ejournal.unsrat.ac.id/index.php/elekdankom/article/view/10698>, Nov.2023
- [17] Indoapps, "Apa itu *Barcode*? Pengertian, Cara *Scan* dan Cara Membuatnya," [Online]. Available: <https://www.indoapps.id/blog/apa-itu-barcode-pengertian-cara-scan-dan-cara-membuatnya>. [Accessed: 02-Feb-2024].
- [18] N. Shofi, I. Fitri, and A. Iskandar. "Perancangan sistem manajemen absensi online dengan *barcode scanner* menggunakan *power apps*". *Jurnal JTIK (Jurnal Teknologi Informasi dan Komunikasi)*, vol. 5, no. 4, pp. 1-8, 2021. [Online]. Available: <https://pdfs.semanticscholar.org/d6cb/a1c6092c3e07ce3c0aa9d2a676186fe79d.pdf>, Nov. 2023.
- [19] A. Pulungan and A. Saleh, "Perancangan Aplikasi Absensi Menggunakan *QR Code* Berbasis Android," *Jurnal Teknologi Informasi dan Komunikasi*, vol. 9, no. 2, pp. 1-8, 2019. [Online]. Available: <http://www.e-journal.potensi-utama.ac.id/ojs/index.php/FTIK/article/view/945>, Nov. 2023.
- [20] A. M. Kondo, "Digital Speech: Coding for Low Bit Rate Communication Systems", 2nd ed., pp. 45-67, Chichester, UK: Wiley, 2004.
- [21] A. F. Rizal, A. R. Pratama, and A. A. Nugroho, "Sistem Absensi Menggunakan Pengenalan Suara Berbasis Android," *Jurnal Teknik Informatika dan Sistem Informasi*, vol. 6, no. 1, pp. 1-10, 2020. [Online]. Available:

<http://jurnal.atmaluhur.ac.id/index.php/sisfokom/article/view/1371>, Nov. 2023.

- [22] A. N. Hidayat, R. A. Pratama, and A. S. Wibowo, "Perancangan Sistem Absensi Menggunakan Pengenalan Suara Berbasis Web," *Jurnal Teknologi Informasi dan Komunikasi*, vol. 10, no. 1, pp. 1-8, 2020. [Online]. Available: <https://jurnal.fikom.umi.ac.id/index.php/BUSITI/article/download/949/42>, Nov.2023.
- [23] A. K. Jain, P. Flynn, and A. A. Ross, *Handbook of Biometrics*, New York, NY, USA: Springer, 2008.
- [24] R. I. Akbar and I. Darmana, "Perancangan Sistem Absensi Sidik Jari Berbasis Arduino Esp8266 dan Web," *Jurnal Teknologi Informasi dan Komunikasi*, vol. 10, no. 1, pp. 1-8, 2020. [Online]. Available: <https://ejurnal.bunghatta.ac.id/index.php/JFTI/article/view/22901>, Nov. 2023.
- [25] A. A. Rahman, A. A. M. Tahir, and M. A. Rasyid, "Sistem Absensi Sidik Jari Berbasis *Internet of Things* (IoT) Menggunakan Raspberry Pi 3 Model B," *Jurnal Teknik Informatika dan Sistem Informasi*, vol. 7, no. 2, pp. 1-10, 2021. [Online]. Available: <http://repository.untag-sby.ac.id/951/>, Nov.2023.
- [26] A. Ross, K. Nandakumar, and A. K. Jain, *Introduction to Biometrics*, New York, NY, USA: Springer, 2011.
- [27] A. N. Prima, C. Prabowo, and Rasyidah, "Sistem Absensi dengan OpenCV *Face Recognition* dan Raspberry Pi," *JITSI : Jurnal Ilmiah Teknologi Sistem Informasi*, vol. 1, no. 2, hal. 1-8, 2020.
- [28] S. Z. Li and A. K. Jain, *Handbook of Face Recognition*, 2nd ed. London, UK: Springer, 2011.



- [29] A. F. Rizki, A. R. Hidayat, and A. R. Setiawan, "Rancang Bangun Sistem Absensi Pegawai Melalui Pengenalan Wajah Menggunakan Metode LBP (*Local Binary Pattern*) Berbasis Raspberry Pi," *J. Tek. Elektro*, vol. 10, no. 1, hal. 1-8, 2019.
- [30] S4A Access, "Kunci Elektromagnetik - S4A Access," S4A Access, 2021. [Online]. Available: [https://id.s4a-access.com/blog/automatic-door-electromagnetic-lock-magnetic-lock-lack-of-suction-or-no-suction-solution\\_b113](https://id.s4a-access.com/blog/automatic-door-electromagnetic-lock-magnetic-lock-lack-of-suction-or-no-suction-solution_b113), Nov.2023.
- [31] Digiware Store, "Solenoid Door Lock 12V DC - Digiware Store," Digiware Store, 2021. [Online]. Available: <https://www.tokopedia.com/find/kunci-solenoid>, Nov. 2023.
- [32] MySQL, "MySQL :: MySQL *Technical Specifications*," MySQL, 2021. [Online]. Available: <https://www.mysql.com/products/enterprise/techspec.html>, Nov. 2023.
- [33] Dicoding, "Apa itu Web *Development*? - Dicoding," Dicoding, 2020. [Online]. Available: <https://www.niagahoster.co.id/blog/website-development-adalah/>, Nov. 2023.
- [34] A. Fauzi, "*Datasheet NodeMCU ESP8266* Lengkap dengan Pin dan Cara Akses," Indobot, 2020. [Online]. Available: <https://blog.indobot.co.id/datasheet-nodemcu-esp8266-lengkap-dengan-pin-dan-cara-akses/>. [Accessed: 05-Dec-2023].
- [35] I. Elektro, "Relay: Pengertian, Simbol, Fungsi, Jenis dan Cara Kerja Relay," Ilmu Elektro, 2023. [Online]. Available: <https://ilmuelektro.id/relay/>, Nov. 2023.
- [36] Components101, "*Push Button Switch* - Components101," Components 101, 2020. [Online]. Available: <https://components101.com/switches/push-button>, [Accessed: 05-Dec-2023].

- [37] “Bab II Tinjauan Pustaka 2.1 Led,” Universitas Trisakti, [Online].  
[http://repository.trisakti.ac.id/usaktiana/digital/00000000000000097695/2019\\_TA\\_STE\\_062001600521\\_Bab-2\\_Tinjauan-Pustaka.pdf](http://repository.trisakti.ac.id/usaktiana/digital/00000000000000097695/2019_TA_STE_062001600521_Bab-2_Tinjauan-Pustaka.pdf).
- [38] Bootstrap, “*Introduction* · Bootstrap,” Bootstrap, 2020. [Online].  
Available: <https://getbootstrap.com/docs/4.0/getting-started/introduction/>,  
Nov. 2023.
- [39] A. A. Al-Ghamdi, A. A. Al-Harathi and A. A. Al-Salman, “*Quality of Service (QoS) Provisioning for Heterogeneous Wireless Networks*,” in *IEEE Access*, vol. 4, pp. 1010-1029, 2016, doi: 10.1109/ACCESS.2016.2535483.
- [40] G. Combs et al., “*Wireshark: Network Protocol Analyzer*,” [Online].  
Available: *Wireshark · Go Deep*. [Accessed: 2-Dec-2023].



