

DAFTAR PUSTAKA

- [1] S. Hozeng, “Perancangan Aplikasi Enkripsi Menggunakan Algoritma AES Berbasis Android Encryption Application Design Using Android-Based AES Algorithm,” *Pros. Semin. Nas. Komun. dan Inform. #3 Tahun*, vol. 2019, pp. 130–135, 2019.
- [2] Tengku *et al.*, “Penanganan Surat Masuk Dengan Aplikasi Dropbox Untuk Efektifitas Komunikasi Internal di Era Digital,” *J. Sekr. dan Adm. Bisnis*, vol. 4, no. 1, pp. 21–31, Feb. 2020, doi: 10.31104/JSAB.V4I1.174.
- [3] S. Aulia Ulfa, H. Ajie, and M. F. Duskarnaen, “Pengembangan Aplikasi Layanan Notifikasi Surat Resmi Digital Di Universitas Negeri Jakarta,” *PINTER J. Pendidik. Tek. Inform. dan Komput.*, vol. 2, no. 2, pp. 143–147, Dec. 2018, doi: 10.21009/pinter.2.2.8.
- [4] E. Andi Kriswanto and Fitri, “Implementasi Digital Signature Untuk Validasi Disposisi Surat,” *Jutisi J. Ilm. Tek. Inform. dan Sist. Inf.*, vol. 9, no. 1, pp. 11–22, Apr. 2020, doi: 10.35889/JUTISI.V9I1.435.
- [5] I. G. Berliyanto, A. Hamzah, and S. Raharjo, “Penerapan Digital Signature Pada Transkrip Nilai Sebagai Otentikasi Data,” vol. 1, no. 1, 2013.
- [6] R. Rizki and S. Mulyati, “Implementasi One Time Password Menggunakan Algoritma SHA-512 Pada Aplikasi Penagihan Hutang PT. XHT,” *Edumatic J. Pendidik. Inform.*, vol. 4, no. 1, pp. 111–120, Jun. 2020, doi: 10.29408/edumatic.v4i1.2158.
- [7] D. Virgian, S. Y. Sakti, N. Agani, M. Hardjianto, and M. I. Komputer, “Pengamanan Sistem Menggunakan One Time Password Dengan Pembangkit Password Hash SHA-256 dan Pseudo Random Number Generator (PRNG) Linear Congruential Generator (LCG) di Perangkat Berbasis Android,” *Budi Luhur Inf. Technol.*, vol. 13, no. 1, Apr. 2016, Accessed: Jan. 24, 2022. [Online]. Available: <https://journal.budiluhur.ac.id/index.php/bit/article/view/442>.
- [8] S. Adilah, R. Rumani M, M. W. Paryasto, P. S1, and S. Komputer, “Implementasi Kriptosystem Menggunakan Metode Algoritma Ecc Dengan Fungsi Hash Sha-256 Pada Sistem Ticketing Online,” *eProceedings Eng.*, vol. 4, no. 3, Dec. 2017, Accessed: Jan. 24, 2022. [Online]. Available: <https://openlibrarypublications.telkomuniversity.ac.id/index.php/engineering/article/view/5471>.
- [9] F. F. Rochman, I. K. Raharjana, and T. Taufik, “Implementation of QR Code and Digital Signature to Determine the Validity of KRS and KHS Documents,” *Sci. J. Informatics*, vol. 4, no. 1, pp. 8–19, May 2017, doi: 10.15294/sji.v4i1.7198.
- [10] A. Vélez Zea, J. Fredy Barrera, R. Torroba, A. Wibiyanto, and I. Afrianto, “QR code and transport layer security for licensing documents verification,” *IOP Conf. Ser. Mater. Sci. Eng.*, vol. 407, no. 1, p. 012069, Aug. 2018, doi: 10.1088/1757-899X/407/1/012069.
- [11] F. Liantoni, S. Rosetya, and W. M. Rahmawati, “The Implementation of QR-Code Technology on Bulak Fish Center Information System,” *J. Online*

- Inform.*, vol. 3, no. 2, pp. 123–127, Feb. 2019, doi: 10.15575/JOIN.V3I2.239.
- [12] “Rancang Bangun Keamanan Sistem Informasi Dengan Authentifikasi Menggunakan Identifikasi One Time Password Berbasis SMS Dengan Hash MD5,” Accessed: Jan. 23, 2022. [Online]. Available: <https://jurnal.pancabudi.ac.id/index.php/fastek/article/view/1385/1253>.
 - [13] P. J. Marshall B. Romney, & Steinbart, *Accounting Information Systems*, 9th Editio. 2015.
 - [14] Z. Fitriah, J. Sistem Informsi, S. Dumai, and J. Utama Karya Bukit Batrem Dumai Kode, “APLIKASI ARSIP SURAT DIGITAL PADA KANTOR DESA TELUK RHU,” *Lentera Dumai*, vol. 12, no. 2, 2021, Accessed: Jan. 25, 2022. [Online]. Available: <http://ejurnal.amikdumai.ac.id/index.php/Path/article/view/93>.
 - [15] “View of Pengembangan Aplikasi Layanan Notifikasi Surat Resmi Digital Di Universitas Negeri Jakarta.” <http://journal.unj.ac.id/unj/index.php/pinter/article/view/16222/9054> (accessed Jan. 25, 2022).
 - [16] M. N. Al Azam, “Otentikasi Sistem dengan Menggunakan One Time Password Memanfaatkan Smartphone Android,” *LINK*, vol. 24, no. 1, p. 4, 2018, doi: 10.31090/link.v24i1.5.
 - [17] K. M. JARINGAN KOMPUTER Rudyanto Arief Dosen STMIK AMIKOM Yogyakarta, “Autentikasi, Kendali Akses, Audit Sistem,” 2010.
 - [18] R. Rahman and D. Sakti, “Tiket Elektronik Menggunakan One Time Password (OTP) dan Web Service REST Pada Aplikasi BluCampus,” *SKANIKA*, 2018, Accessed: Jan. 26, 2022. [Online]. Available: <https://jom.fti.budiluhur.ac.id/index.php/SKANIKA/article/view/2503/739>.
 - [19] N. I. Yahya and S. Amini, “Pengimplementasian One Time Password Dan Notifikasi Email Menggunakan Fungsi Hash SHA-512 Berbasis Web Pada SMK Cyber Media,” *SKANIKA*, vol. 1, no. 2, pp. 745–750, May 2018, Accessed: Jan. 23, 2022. [Online]. Available: <https://jom.fti.budiluhur.ac.id/index.php/SKANIKA/article/view/285>.
 - [20] “View of Pengimplementasian One Time Password Dan Notifikasi Email Menggunakan Fungsi Hash SHA-512 Berbasis Web Pada SMK Cyber Media.” <https://jom.fti.budiluhur.ac.id/index.php/SKANIKA/article/view/285/199> (accessed Jan. 25, 2022).
 - [21] H. Agung, “Kriptografi Menggunakan Hybrid Cryptosystem dan Digital Signature,” *JATISI (Jurnal Tek. Inform. dan Sist. Informasi)*, vol. 3, no. 1, pp. 34–45, Sep. 2016, doi: 10.35957/JATISI.V3I1.62.
 - [22] Y. D. Rahayu, N. Ramadijanti, and Y. Setiowati, “Pembuatan Aplikasi Pembacaan Quick Response Code Menggunakan Perangkat Mobile Berbasis J2ME Untuk Identifikasi Suatu Barang,” 2010, Accessed: Jan. 27, 2022. [Online]. Available: <http://www.eepis-its.edu>.
 - [23] B. Nguyen, W. : Www, S. Shamal, K. Monika, and N. Neha, “International Journal of Emerging Technology and Advanced Engineering Secure Authentication for Online Banking Using QR Code,” *Certif. J.*, vol. 9001, no. 3, p. 778, 2008, Accessed: Jan. 27, 2022. [Online]. Available: www.ijetae.com.

- [24] Z. ZULKIFLI, “Perancangan Aplikasi Kitab Sabilal Muhtadin Berbasis Android,” 2016, Accessed: Jan. 26, 2022. [Online]. Available: <http://repository.potensi-utama.ac.id/jspui/jspui/handle/123456789/1259>.
- [25] M. F. Yasin, H. Wintolo, and A. Ayuningtyas, “Aplikasi Penyewaan Mobil Berbasis Android (Studi Kasus : Tom Transport),” 2017.
- [26] Y. Cahyati and H. Murti, “Sistem E-Surat Pada Government Resource Management System Provinsi Jawa Tengah Berbasis Framework Codeigniter,” *Univ. Stikubank*, pp. 978–979, 2018, Accessed: Jun. 12, 2022. [Online]. Available: https://unisbank.ac.id/ojs/index.php/sendi_u/article/view/5994.
- [27] Aminudin, “Cara Efektif Belajar Framework Laravel,” *Ilmu Teknol. Inf.*, vol. 1, no. 1, pp. 1–28, 2015.
- [28] W. N. Cholifah, Y. Julianingsih, and S. M. Sagita, “Pengujian Black Box Testing pada Aplikasi Action & Strategy Berbasis Android dengan Teknologi Phonegap,” *STRING (Satuan Tulisan Ris. dan Inov. Teknol.)*, vol. 3, no. 2, pp. 206–210, Dec. 2018, doi: 10.30998/STRING.V3I2.3048.
- [29] J. C. Yapo, W. Ida, and Fardan, “Analisis Sistem Autentikasi Otp Data Medis Dengan Menggunakan Teknik Embedded Symmetric Key Analysis Of Otp Authentication System Medical Data Using Embedded Symmetric Key Technique | Yapo | eProceedings of Engineering,” Accessed: Jul. 02, 2022. [Online]. Available: <https://openlibrarypublications.telkomuniversity.ac.id/index.php/engineering/article/view/17589>.
- [30] S. Sulastri, R. Defi, and M. Putri, “Implementasi Enkripsi Data Secure Hash Algorithm (SHA-256) dan Message Digest Algorithm (MD5) pada Proses Pengamanan Kata Sandi Sistem Penjadwalan Karyawan,” *J. Tek. Elektro*, vol. 10, no. 2, pp. 70–74, Dec. 2018, doi: 10.15294/JTE.V10I2.18628.
- [31] M. Karuppiah, S. Ramanujam, and A. Professor, “Designing an algorithm with high Avalanche Effect,” *IJCSNS Int. J. Comput. Sci. Netw. Secur.*, vol. 11, no. 1, p. 106, 2011, Accessed: Jul. 21, 2022. [Online]. Available: <https://www.researchgate.net/publication/266468045>.
- [32] S. Adilah, R. Rumani M, M. W. Paryasto, P. S1, and S. Komputer, “Implementasi Kriptosystem Menggunakan Metode Algoritma Ecc Dengan Fungsi Hash Sha-256 Pada Sistem Ticketing Online,” *eProceedings Eng.*, vol. 4, no. 3, pp. 4138–4146, 2017, Accessed: Jul. 02, 2022. [Online]. Available: <https://openlibrarypublications.telkomuniversity.ac.id/index.php/engineering/article/view/5471>.
- [33] A. Kumar and M. N. Tiwari, “Effective Implementation and Avalanche Effect of AES,” *Artic. Int. J. Secur. Priv. Trust Manag.*, vol. 1, no. 4, 2012, doi: 10.5121/ijspm.2012.1303.
- [34] A. Ahmad, “Analisis Sandi Diferensial terhadap AES, DES dan AE1.”