

REFERENCES

- [1] “E-Commerce: Perkembangan, Tren, dan Peraturan Perundang-Undangan”, *E-Bisnis*, vol. 16, no. 1, pp. 41–47, May 2023, doi: 10.51903/e-bisnis.v16i1.1083.
- [2] Badan Pusat Statistik, "Statistik E-Commerce 2023," Jakarta: BPS, 2023.
- [3] Dataloka, “Jumlah Serangan Siber di Indonesia Naik Tembus 610 Juta pada 2024,” 2024. [Online]. Available: <https://dataloka.id/politik/4259/jumlah-serangan-siber-di-indonesia-naik-tembus-610-juta-pada-2024/>
- [4] “Kronologi Lengkap 91 Juta Akun Tokopedia Bocor dan Dijual,” CNN Indonesia, 3 Mei 2020. [Online]. Available: <https://www.cnnindonesia.com/teknologi/20200503153210-185-499553/kronologi-lengkap-91-juta-akun-tokopedia-bocor-dan-dijual>
- [5] N. Kuruwitaarachchi, et al., "A Systematic Review of Security in Electronic Commerce- Threats and Frameworks," *Global Journal of Computer Science and Technology*, vol. 19, no. 1, pp. 33–39, 2019, doi: 10.34257/gjcstevol19is1pg33.
- [6] L. F. Burhani and D. Priyawati, “Analisis pengujian keamanan website pengelolaan internet Desa Kragan menggunakan metode Penetration Testing Execution Standard (PTES),” *J. Ilm. Penelit. Pembelajaran Inform.*, vol. 9, no. 1, pp. 307–319, Mar. 2024.
- [7] M. Fadhli, “Comprehensive Analysis of Penetration Testing Frameworks and Tools: Trends, Challenges, and Opportunities : Analisis Komprehensif terhadap Framework dan Alat Penetration Testing: Tren, Tantangan, dan Peluang”, *IJEERE*, vol. 4, no. 1, pp. 15-22, Jun. 2024.
- [8] PTES Organization. (2014). *Penetration Testing Execution Standard*.
- [9] Scarfone, K., & Souppaya, M. (2008). *Technical Guide to Information Security Testing and Assessment (NIST SP 800-115)*. National Institute of Standards and Technology, Gaithersburg, MD.
- [10] OWASP Foundation. *OWASP Top Ten Web Application Security Risks – 2021*. OWASP. [Online]. Available: <https://owasp.org/Top10/>.
- [11] Baako, Issah, and Sayibu Umar. "An Integrated Vulnerability Assessment of Electronic Commerce Websites." *International Journal of Information Engineering & Electronic Business* 12.5 (2020).
- [12] F. Putra Utama and R. M. Hilmi Nurhadi, “Uncovering the Risk of Academic Information System Vulnerability through PTES and OWASP Method”, *CommIT (Communication and Information Technology) Journal*, vol. 18, no. 1, pp. 39-51, Apr. 2024.
- [13] E. Z. Darojat, E. Sedyono, and I. Sembiring, "Vulnerability Assessment Website E-Government dengan NIST SP 800-115 dan OWASP Menggunakan Web Vulnerability Scanner," *Jurnal Sistem Informasi Bisnis*, vol. 12, no. 1, pp. 36-44, Sep. 2022. <https://doi.org/10.21456/vol12iss1pp36-44>
- [14] M. M. Choudhury et al., “Identification of the characteristics of e-commerce websites,” *Webology*, vol. 7, no. 1, 2010.
- [15] X. Liu et al., “Cyber security threats: A never-ending challenge for e-commerce,” *PMC*, 2022. [Online]. Available: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9629147>
- [16] Z. A. Khan, "Penetration Testing Information System Security Assessment Framework (ISSAF)," *Jurnal Teknologi Informasi dan Komunikasi (J-TIK)*, vol. 4, no. 3, pp. 1593–1601, Des. 2023. [Online]. Tersedia: <https://djournals.com/klik/article/view/1507>

- [17] H. M. Adam, W. Widyawan, and G. D. Putra, "A Review of Penetration Testing Frameworks, Tools, and Application Areas," in *2023 IEEE 7th International Conference on Information Technology, Information Systems and Electrical Engineering (ICITISEE)*, 2024, pp. 1–6.
- [18] Pentest-Standard.org, *The Penetration Testing Execution Standard (PTES)*. [Online]. Available: http://www.pentest-standard.org/index.php/Main_Page
- [19] National Institute of Standards and Technology (NIST), *Technical Guide to Information Security Testing and Assessment*, NIST Special Publication 800-115, Aug. 2008. [Online]. Available: <https://nvlpubs.nist.gov/nistpubs/Legacy/SP/nistspecialpublication800-115.pdf>.
- [20] J. Li dan H. Li, "Evolution of Application Security based on OWASP Top 10 and CWE/SANS Top 25 with Predictions for the 2025 OWASP Top 10," *ResearchGate*, 2025
- [21] "Evolving Trends in Web Application Vulnerabilities: A Comparative Study of OWASP Top 10 2017 and OWASP Top 10 2021," *ResearchGate*, 2023.
- [22] Offensive Security, *Kali Linux Documentation*, 2022. [Online]. Available: <https://www.kali.org/docs/>
- [23] OWASP Foundation, *OWASP Zed Attack Proxy Project*, 2023. [Online]. Available: <https://www.zaproxy.org/>
- [24] OWASP Foundation, "ZAP User Guide: Alerts and Reports," 2021. [Online]. Available: <https://www.zaproxy.org/docs/alerts> [Accessed: 01-Oct-2025].
- [25] PortSwigger Ltd., "Burp Suite," 2024. [Online]. Available: <https://portswigger.net/burp>
- [26] Nmap Project, "Nmap," 2024. [Online]. Available: <https://nmap.org>
- [27] X. Mendez et al., "wfuzz: Web application bruteforcer," GitHub, 2025. [Online]. Available: <https://github.com/xmendez/wfuzz>
- [28] OWASP, "Web Security Testing Guide Appendix C: Fuzzing," 2025. [Online]. Available: <https://owasp.org/www-project-web-security-testing-guide/latest/6-Appendix/C-Fuzzing>
- [29] Wappalyzer, "Wappalyzer Technology Profiler," 2025. [Online]. Available: <https://www.wappalyzer.com>
- [30] Muhammad Zia ul Haq, "GOOGLEDORK, SEBUAH PENDEKATAN LANJUTAN PEMANFAATAN MESIN PENCAIRI SEBAGAI PENUNJANG LITERASI INFORMASI," *Jurnal Perpustakaan*, vol. 8, no. 1, pp. 29–37, 2017, doi: <https://doi.org/10.20885/unilib.vol8.iss1.art3>
- [31] Marsoni, T. Umi Kalsum, and A. Kurniawan, "ANALISA IMPLEMENTASI TEKNIK RECONNAISSANCE PADA WEBSERVER (STUDI KASUS: UPT PUSKOM UNIVERSITAS DEHASSEN)," *Jurnal Media Infotama*, vol. 12, no. 1, pp. 11–20, 2016.
- [32] Kendek Allo, A., & Widiyari, I. R. (2024). Analisis Keamanan Website SIASAT Menggunakan Teknik Footprinting dan Vulnerability Scanning. *Jurnal JTIK (Jurnal Teknologi Informasi Dan Komunikasi)*, 8(2), 316-323.
- [33] G. J. Kathrine, R. T. Baby, and V. Ebenezer, "Comparative Analysis of Subdomain Enumeration Tools and Static Code Analysis," *J. Mech. Cont. Math. Sci.*, vol. 15, no. 6, pp. 158–173, Jun. 2020, doi:10.26782/jmcms.2020.06.00013.
- [34] Ravindran, U., Potukuchi, R.V. (2022). A review on web application vulnerability assessment and penetration testing. *Review of Computer Engineering Studies*, Vol. 9, No. 1, pp. 1-22. <https://doi.org/10.18280/rces.090101>

- [35] Sudirman, D., & Yaqin, A. N. (2021). Network Penetration dan Security Audit Menggunakan Nmap. SATIN - Sains dan Teknologi Informasi, 7(1), 32–44.
- [36] van Rooij, O., Charalambous, M.A., Kaizer, D., Papaevripides, M., Athanasopoulos, E. (2021). webFuzz: Grey-Box Fuzzing for Web Applications. In: Bertino, E., Shulman, H., Waidner, M. (eds) Computer Security – ESORICS 2021. ESORICS 2021. Lecture Notes in Computer Science(), vol 12972. Springer, Cham. https://doi.org/10.1007/978-3-030-88418-5_8
- [37] OWASP, "HTTP Security Response Headers Cheat Sheet," Open Web Application Security Project, 2022. [Online]. Available: <https://cheatsheetseries.owasp.org/cheatsheets/HTTP-Headers-Cheat-Sheet.html>
- [38] OWASP, "Clickjacking Defense Cheat Sheet," Open Web Application Security Project, 2022. [Online]. Available: <https://cheatsheetseries.owasp.org/cheatsheets/Clickjacking-Defense-Cheat-Sheet.html>.
- [39] Bhardwaj, A., et al. (2024). A Comparative Study Between Two Cybersecurity Attacks: Brute Force and Dictionary Attacks.
- [40] M. H. Nguyen Ba, J. Bennett, M. Gallagher, and S. Bhunia, "A Case Study of Credential Stuffing Attack: Canva Data Breach," in Proc. 2021 Int. Conf. Comput. Sci. Comput. Intell. (CSCI), Las Vegas, NV, USA, Dec. 2021, pp. 735–740