

BAB VII DAFTAR PUSTAKA

- Adi, E., Anwar, A., Baig, Z., & Zeadally, S. (2020). Machine learning and data analytics for the IoT. *Neural Computing and Applications*, 32(20), 16205–16233. <https://doi.org/10.1007/s00521-020-04874-y>
- Alshahrani, A., Mahmoud, A., El-Sappagh, S., & Ali Elbelkasy, M. S. (2023). An Internet of Things Based Air Pollution Detection Device for Mitigating Climate Changes. *Information Sciences Letters*, 12(4). <https://doi.org/10.18576/isl/120413>
- Beck, K., Beedle, M., Bennekum, A. Van, Cockburn, A., Cunningham, W., Fowler, M., Grenning, J., Highsmith, J., Hunt, A., Jeffries, R., Kern, J., Marick, B., Martin, R. C., Mellor, S., Schwaber, K., Sutherland, J., & Thomas, D. (2001). *Manifesto for Agile Software Development*. The Agile Alliance.
- Brooke, J. (1996). SUS -A quick and dirty usability scale Usability and context. *Usability evaluation in industry*, 189(194).
- Calvin, K., Dasgupta, D., Krinner, G., Mukherji, A., Thorne, P. W., Trisos, C., Romero, J., Aldunce, P., Barrett, K., Blanco, G., Cheung, W. W. L., Connors, S., Denton, F., Diongue-Niang, A., Dodman, D., Garschagen, M., Geden, O., Hayward, B., Jones, C., ... Ha, M. (2023). *IPCC, 2023: Climate Change 2023: Synthesis Report. Contribution of Working Groups I, II and III to the Sixth Assessment Report of the Intergovernmental Panel on Climate Change [Core Writing Team, H. Lee and J. Romero (eds.)]*. IPCC, Geneva, Switzerland. (P. Arias, M. Bustamante, I. Elgizouli, G. Flato, M. Howden, C. Méndez-Vallejo, J. J. Pereira, R. Pichs-Madruga, S. K. Rose, Y. Saheb, R. Sánchez Rodríguez, D. Ürge-Vorsatz, C. Xiao, N. Yassa, J. Romero, J. Kim, E. F. Haites, Y. Jung, R. Stavins, ... C. Péan, Ed.). <https://doi.org/10.59327/IPCC/AR6-9789291691647>
- Chen, P. P.-S. (1976). The entity-relationship model—toward a unified view of data. *ACM Transactions on Database Systems*, 1(1), 9–36. <https://doi.org/10.1145/320434.320440>

Direktorat Jenderal Ketenagalistrikan Kementerian ESDM. (2018). *PANDUAN PENGGUNAAN APPLE-GATRIK untuk Induk Perusahaan dan Unit Pelaksana*.

https://gatrik.esdm.go.id/assets/uploads/download_index/files/87d63-2--pedoman-pengisian-apple-gatrik.pdf

Eggelston, S., Buendia, L., Miwa, K., Ngara, T., & Tanabe, K. (2006). *2006 IPCC Guidelines for National Greenhouse Gas Inventories*.

European Comission. (2023). *EDGAR - Emissions Database for Global Atmospheric Research - GHG emissions of all world countries*.
https://edgar.jrc.ec.europa.eu/report_2023?vis=ghgtot#emissions_table

Few, S. (2006). *Information Dashboard Design - The Effective Visual Communication of Data*. O'Reilly.

Fielding, R. T. (2000). *Architectural Styles and the Design of Network-based Software Architectures* [University of California].
https://ics.uci.edu/~fielding/pubs/dissertation/fielding_dissertation.pdf

Gubbi, J., Buyya, R., Marusic, S., & Palaniswami, M. (2013). Internet of Things (IoT): A vision, architectural elements, and future directions. *Future Generation Computer Systems*, 29(7).
<https://doi.org/10.1016/j.future.2013.01.010>

Hathwar, K. P., & Ravishankar, R. (2007). Back-End Web-Application Development and the Role of an Admin. *International Journal of Advanced Research in Computer and Communication Engineering ISO*, 3297(9).

Hevner, A. R., March, S. T., Park, J., & Ram, S. (2004). Design science in information systems research. *MIS Quarterly: Management Information Systems*, 28(1). <https://doi.org/10.2307/25148625>

Hubli, S. C., & Jaiswal, Dr. R. C. (2023). Efficient Backend Development with Spring Boot: A Comprehensive Overview. *International Journal for Research in Applied Science and Engineering Technology*, 11(11), 759–765.
<https://doi.org/10.22214/ijraset.2023.56617>

Kementerian ESDM. (t.t.). *Faktor Emisi Bahan Bakar Minyak BBM dan Batubara*. Diambil 20 Juni 2025, dari <https://www.esdm.go.id/assets/media/content/content-faktor-emisi-bahan-bakar-minyak-bbm-dan-batubara.pdf>

Kementerian Lingkungan Hidup. (2012). *Pedoman Penyelenggaraan Inventarisasi Gas Rumah Kaca Nasional, Volume 1, Metode Penghitungan Tingkat Emisi Gas Rumah Kaca, Pengadaan dan Penggunaan Energi* (Vol. 1). <https://signsmart.menlhk.go.id/v2.1/app/frontend/pedoman/download/290411400-Pedoman-Buku-II-Volume-1-ENERGI.pdf>

Kern, A., Kuhlmann, M., Schaad, A., & Moffett, J. (2002). Observations on the role life-cycle in the context of enterprise security management. *Proceedings of the seventh ACM symposium on Access control models and technologies*, 43–51. <https://doi.org/10.1145/507711.507718>

Larman, C., & Basili, V. R. (2003). Iterative and incremental developments. a brief history. *Computer*, 36(6), 47–56. <https://doi.org/10.1109/MC.2003.1204375>

Laudon, K. C., & Laudon, J. P. (2014). *Management Information System* (Vol. 13). Pearson Education Limited. https://repository.dinus.ac.id/docs/ajar/Kenneth_C.Laudon,Jane_P._Laudon_-_Management_Information_Sysrem_13th_Edition_.pdf

Noorkaran Bhanarkar, Aditi Paul, & Dr. Ashima Mehta. (2023). Responsive Web Design and Its Impact on User Experience. *International Journal of Advanced Research in Science, Communication and Technology*, 50–55. <https://doi.org/10.48175/IJARSCT-9259>

Presiden Republik Indonesia. (2011). *PERATURAN PRESIDEN REPUBLIK INDONESIA NOMOR 71 TAHUN 2011*.

PT Perkebunan Nusantara (Persero). (t.t.). *Emisi Gas Rumah Kaca (GRK) | Pabrik Kelapa Sawit, Pabrik Kopi, Pabrik Karet, Pabrik Teh, Pabrik Tebu, Komoditi Unggulan Indonesia, Perkebunan BUMN, PT Perkebunan Nusantara III, PT. Perkebunan Nusantara III (Persero), Holding*

Perkebunan Nusantara. Diambil 17 Desember 2024, dari <https://holding-perkebunan.com/sustainability/environmental-sustainability/ghg-emissions/>

Robbins, J. (2018). Learning Web Design: A Beginner's Guide to HTML, CSS, JavaScript, and Web Graphics Published by O'Reilly Media Beijing · Cambridge · Farnham · Köln · Sebastopol · Tokyo. Dalam *Atlas of Cardiac Surgical Techniques*.

Rumbaugh, J., Jacobson, I., & Booch, G. (1999). *The Unified Modeling Language Reference Manual*. Addison Wesley Longman, Inc. https://idsi.md/files/file/referinte_utile_studenti/The%20Unified%20Modeling%20Language%20Reference%20Manual.pdf

Sauro, J. (2018, September 19). *5 Ways to Interpret a SUS Score*.

Setiawan, D., & Wright, C. (2024). *Mengungkap tantangan emisi gas metana yang tersembunyi di Indonesia*. <https://ember-energy.org/app/uploads/2024/03/ID-Report-CMM-Indonesia-Underreporting.pdf>

Sugardiman, R. A. (2019). *Panduan SIGN-SMART*.

United States Environmental Protection Agency. (2024, April 11). *Overview of Greenhouse Gases*. <https://www.epa.gov/ghgemissions/overview-greenhouse-gases>. <https://www.epa.gov/ghgemissions/overview-greenhouse-gases>

Yigitbasioglu, O. M., & Velcu, O. (2012). A review of dashboards in performance management: Implications for design and research. *International Journal of Accounting Information Systems*, 13(1), 41–59. <https://doi.org/10.1016/j.accinf.2011.08.002>