

## DAFTAR PUSTAKA

- Agussabti, A., Rahmaddiansyah, R., Hamid, A. H., Zakaria, Z., Munawar, A. A., & Abu Bakar, B. (2022). *Farmers' perspectives on the adoption of smart farming technology to support food farming in Aceh Province, Indonesia*. *Open Agriculture*, 7(1), 112–130. <https://doi.org/10.1515/opag-2022-0145>
- Badan Meteorologi, Klimatologi, dan Geofisika. (2023). Data cuaca pertanian. <https://www.bmkg.go.id>
- Bangor, A., Kortum, P., & Miller, J. (2008). *An empirical evaluation of the System Usability Scale*. *International Journal of Human-Computer Interaction*, 24(6), 574–594. <https://doi.org/10.1080/10447310802205776>
- Barbedo, J. G. A. (2019). *Plant disease identification from individual lesions and spots using deep learning*. *Biosystems Engineering*, 180, 96–107. <https://doi.org/10.1016/j.biosystemseng.2019.02.002>
- Brooke, J. (1996). *SUS: A "quick and dirty" usability scale*. In P. W. Jordan, B. Thomas, B. A. Weerdmeester, & I. L. McClelland (Eds.), *Usability evaluation in industry* (pp. 189–194). Taylor & Francis.
- Chacon, S., & Straub, B. (2014). *Pro Git (2nd ed.)*. Apress. <https://git-scm.com/book/en/v2>
- Creswell, J. W. (2014). *Research design: Qualitative, quantitative, and mixed methods approaches (4th ed.)*. Sage Publications.
- Davis, F. D. (1989). *Perceived usefulness, perceived ease of use, and user acceptance of information technology*. *MIS Quarterly*, 13(3), 319–340. <https://doi.org/10.2307/249008>
- Figma. (2024). *Figma design platform*. <https://www.figma.com>
- Firman, A., Wowor, H., Xaverius, N., & Sambul, A. (2016). Analisis dan perancangan sistem informasi. Penerbit Informatika.
- Flutter Team. (2023). *Flutter documentation*. <https://docs.flutter.dev>
- Food and Agriculture Organization. (2022). *Digital agriculture transformation: Pathways and strategies*. <https://www.fao.org/digital-agriculture>

- Google. (2023). *Dart programming language documentation*. <https://dart.dev/guides>
- Google AI. (2024). *Gemini API documentation*. <https://ai.google.dev/docs>
- Hevner, A. R., March, S. T., Park, J., & Ram, S. (2004). *Design science in information systems research*. MIS Quarterly, 28(1), 75–105. <https://doi.org/10.2307/25148625>
- Hughes, D., & Salathé, M. (2015). *An open access repository of images on plant health to enable the development of mobile disease diagnostics*. arXiv preprint arXiv:1511.08060. <https://doi.org/10.48550/arXiv.1511.08060>
- Kaner, C., Falk, J., & Nguyen, H. Q. (1999). *Testing computer software* (2nd ed.). Wiley.
- Kementerian Pertanian Republik Indonesia. (2023). Statistik pertanian 2023: Laporan produksi tanaman pangan. Kementerian Pertanian Republik Indonesia.
- Liu, J., & Wang, X. (2021). *Plant disease recognition: A survey*. *Plant Methods*, 17(1), 22. <https://doi.org/10.1186/s13007-021-00722-9>
- Mallinger, K., Kratky, T., Auinger, A., Pfeiffer, J., Peschl, M., & Wimmer, M. (2024). *Breaking the barriers of technology adoption: Explainable AI for requirement analysis and technology design in smart farming*. *Smart Agricultural Technology*, 5, 100301. <https://doi.org/10.1016/j.atech.2024.100301>
- Mohanty, S. P., Hughes, D. P., & Salathé, M. (2016). *Using deep learning for image-based plant disease detection*. *Frontiers in Plant Science*, 7, 1419. <https://doi.org/10.3389/fpls.2016.01419>
- Ramesh, B. E., Sagar, K. R., Varun, M. B., Vishwanath, K., Sri Harsha, R., & Amith, S. M. (2025). *AI Plant Doctor: An AI-powered leaf disease scanner for sustainable agriculture using deep learning and mobile computing*. *International Journal of Innovative Research in Science, Engineering and Technology*, 14(5), 45–60. <https://doi.org/10.15680/IJIRSET.2025.1405270>
- Santoso, H. B., & Nurmalina, R. (2017). *Pemrograman terstruktur dengan flowchart dan pseudocode*. Penerbit Andi.

Supabase. (2023). Supabase documentation. <https://supabase.com/docs>

Venkatesh, V., & Davis, F. D. (2000). *A theoretical extension of the technology acceptance model: Four longitudinal field studies*. *Management Science*, 46(2), 186–204. <https://doi.org/10.1287/mnsc.46.2.186.11926>