

DAFTAR PUSTAKA

- Abeygunawardana, P., Gamage, N., De Alwis, L., Ashan, S., Nilanka, C., & Godamune, P. (2021). E-Medic – Autonomous Drone for Healthcare System. *2021 International Conference on Computing, Communication, and Intelligent Systems (ICCCIS)*, 994–999. <https://doi.org/10.1109/ICCCIS51004.2021.9397104>
- Alyassi, R., Khonji, M., Karapetyan, A., Chau, S. C.-K., Elbassioni, K., & Tseng, C.-M. (2023). Autonomous Recharging and Flight Mission Planning for Battery-Operated Autonomous Drones. *IEEE Transactions on Automation Science and Engineering*, 20(2), 1034–1046. <https://doi.org/10.1109/TASE.2022.3175565>
- Annur, C. M. A. (2023). *Indonesia Rajai Pasar Online Food Delivery di Asia Tenggara pada 2023 | Databoks*. Databoks. <https://databoks.katadata.co.id/teknologi-telekomunikasi/statistik/ffb024a74faa9ac/indonesia-rajai-pasar-online-food-delivery-di-asia-tenggara-pada-2023>
- Arora, S., & Ntantis, E. (2024). Customisation and payload integration of hexacopter for enhanced grocery delivery. *Multidisciplinary Science Journal*, 6(7), 2024126. <https://doi.org/10.31893/multiscience.2024126>
- Bandyopadhyay, D., & Sen, J. (2011). Internet of Things: Applications and Challenges in Technology and Standardization. *Wireless Personal Communications*, 58(1), 49–69. <https://doi.org/10.1007/s11277-011-0288-5>
- Barnum, C. M. (2021). *Usability testing essentials: Ready, set...test!* (2nd edition). Morgan Kaufmann.
- Belaïd, F., & Arora, A. (Ed.). (2024). *Smart Cities: Social and Environmental Challenges and Opportunities for Local Authorities*. Springer International Publishing. <https://doi.org/10.1007/978-3-031-35664-3>
- Canaday, R. H., Harrison, R. D., Ivie, E. L., Ryder, J. L., & Wehr, L. A. (1974). A back-end computer for data base management. *Communications of the ACM*, 17(10), 575–582. <https://doi.org/10.1145/355620.361172>
- Chen, K.-W., Xie, M.-R., Chen, Y.-M., Chu, T.-T., & Lin, Y.-B. (2022). DroneTalk: An Internet-of-Things-Based Drone System for Last-Mile Drone Delivery. *IEEE Transactions on Intelligent Transportation Systems*, 23(9), 15204–15217. <https://doi.org/10.1109/TITS.2021.3138432>
- Cheng, C., Adulyasak, Y., & Rousseau, L.-M. (2020). Drone routing with energy function: Formulation and exact algorithm. *Transportation Research Part B: Methodological*, 139, 364–387. <https://doi.org/10.1016/j.trb.2020.06.011>
- Costa, I., Araujo, J., Dantas, J., Campos, E., Silva, F. A., & Maciel, P. (2016). Availability Evaluation and Sensitivity Analysis of a Mobile Backend-as-a-service Platform. *Quality and Reliability Engineering International*, 32(7), 2191–2205. <https://doi.org/10.1002/qre.1927>
- Crockford, D. (2008). *JavaScript: The Good Parts: The Good Parts*. O'Reilly Media, Inc.

- Datta, S., Dutta, S., Grisafe, B., Smith, J., Srinivasa, S., & Ye, H. (2019). Back-End-of-Line Compatible Transistors for Monolithic 3-D Integration. *IEEE Micro*, 39(6), 8–15. <https://doi.org/10.1109/MM.2019.2942978>
- Dennis, A., Wixom, B. H., & Tegarden, D. P. (2021). *Systems analysis & design: An object-oriented approach with UML* (Sixth edition). John Wiley & Sons, Inc.
- Dias, D. M., Kish, W., Mukherjee, R., & Tewari, R. (1996). A scalable and highly available web server. *COMPON '96. Technologies for the Information Superhighway Digest of Papers*, 85–92. <https://doi.org/10.1109/CMPCON.1996.501753>
- Dorling, K., Heinrichs, J., Messier, G. G., & Magierowski, S. (2017). Vehicle Routing Problems for Drone Delivery. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, 47(1), 70–85. <https://doi.org/10.1109/TSMC.2016.2582745>
- Eisenman, B. (2015). *Learning React Native: Building Native Mobile Apps with JavaScript*. O'Reilly Media, Inc.
- Elmokadem, T., & Savkin, A. V. (2021). Towards Fully Autonomous UAVs: A Survey. *Sensors*, 21(18), 6223. <https://doi.org/10.3390/s21186223>
- Finstad, K. (2010). Response Interpolation and Scale Sensitivity: Evidence Against 5-Point Scales. 5(3).
- Flanagan, D. (2011). *JavaScript: The Definitive Guide: Activate Your Web Pages*. O'Reilly Media, Inc.
- Folasade Taiwo, J., Ijeoma Prisca, O., Okwudili Matthew, U., Onyebuchi, A., Chibueze Nwamouh, U., Iheruo Robert, U., & Okechukwu Matthew, A. (2022). IoT Drone Technology Integration in Medical Logistics Delivery. *Science Journal of Public Health*, 10(3), 124. <https://doi.org/10.11648/j.sjph.20221003.14>
- Gao, J., Bai, X., Tsai, W.-T., & Uehara, T. (2014). Mobile Application Testing: A Tutorial. *Computer*, 47(2), 46–55. <https://doi.org/10.1109/MC.2013.445>
- Gassmann, O., & Schweitzer, F. (Ed.). (2014). *Management of the Fuzzy Front End of Innovation*. Springer International Publishing. <https://doi.org/10.1007/978-3-319-01056-4>
- Gavriel, S. (2012). Handbook of Human Factors and Ergonomics. *John Wiley & Sons, Inc.*
- Greengard, S. (2015). *The internet of things*. MIT Press.
- Gunturu, R., Durgaa, K. N., Harshaa, T. S., & Ahamed, S. F. (2020). Development of Drone Based Delivery System Using Pixhawk Flight Controller. *SSRN Electronic Journal*. <https://doi.org/10.2139/ssrn.3734801>
- Hannan, A., Hussain, F., Ali, N., Ehatisham-Ul-Haq, M., Ashraf, M. U., Mohammad Alghamdi, A., & Saeed Alfakeeh, A. (2021). A decentralized hybrid computing consumer authentication framework for a reliable drone delivery as a service. *PLOS ONE*, 16(4), e0250737. <https://doi.org/10.1371/journal.pone.0250737>
- Harrison, C., Eckman, B., Hamilton, R., Hartwick, P., Kalagnanam, J., Paraszczak, J., & Williams, P. (2010). Foundations for Smarter Cities. *IBM Journal of Research and Development*, 54(4), 1–16. <https://doi.org/10.1147/JRD.2010.2048257>

- Hii, M., Courtney, P., & Royall, P. (2019). An Evaluation of the Delivery of Medicines Using Drones. *Drones*, 3(3), 52. <https://doi.org/10.3390/drones3030052>
- Huang, H.-M. (2008). Autonomy Levels for Unmanned Systems (ALFUS) Framework Volume I: Terminology Version 2.0. *NIST Special Publication*.
- Kalta, S., Bawa, G., Singh, G., Chauhan, H., & Bag, A. (2024). Developing a Prototype for Autonomous Drones. *2024 3rd International Conference on Sentiment Analysis and Deep Learning (ICSADL)*, 702–708. <https://doi.org/10.1109/ICSADL61749.2024.00122>
- Kılıçdağı, A., & Yilmaz, H. İ. (2014). *Laravel Design Patterns and Best Practices*. Packt Publishing Ltd.
- Lai, K.-T., Chung, Y.-T., Su, J.-J., Lai, C.-H., & Huang, Y.-H. (2023). AI Wings: An AIoT Drone System for Commanding ArduPilot UAVs. *IEEE Systems Journal*, 17(2), 2213–2224. <https://doi.org/10.1109/JSYST.2022.3189011>
- Laplante, P. A. (2011). Encyclopedia of software engineering. *Auerbach Publications, II*.
- Lappas, V., Zoumponos, G., Kostopoulos, V., Shin, Hy., Tsourdos, A., Tantarini, M., Shmoko, D., Munoz, J., Amoratis, N., Maragkakis, A., Machairas, T., & Trifas, A. (2020). EuroDRONE, A European UTM Testbed for U-Space. *2020 International Conference on Unmanned Aircraft Systems (ICUAS)*, 1766–1774. <https://doi.org/10.1109/ICUAS48674.2020.9214020>
- Larman, C., & Basili, V. R. (2003). Iterative and Incremental Development: A Brief History. *Computer*. <https://doi.org/10.1109/MC.2003.1204375>
- Leung, H. K. N., & Wong, P. W. L. (1997). A Study of User Acceptance Tests. *Software Quality Journal* 6. <https://doi.org/10.1023/A:1018503800709>
- Li, C., Mirosa, M., & Bremer, P. (2020). Review of Online Food Delivery Platforms and their Impacts on Sustainability. *Sustainability*, 12(14), 5528. <https://doi.org/10.3390/su12145528>
- Li, L., Mu, X., Li, S., & Peng, H. (2020). A Review of Face Recognition Technology. *IEEE Access*, 8, 139110–139120. <https://doi.org/10.1109/ACCESS.2020.3011028>
- Li, S. Z., & Jain, A. K. (Ed.). (2005). *Handbook of Face Recognition*. Springer Science+Business Media, Inc. <https://doi.org/10.1007/b138828>
- Lieret, M., Kogan, V., Doll, S., & Franke, J. (2019). Automated in-house transportation of small load carriers with autonomous unmanned aerial vehicles. *2019 IEEE 15th International Conference on Automation Science and Engineering (CASE)*, 1010–1015. <https://doi.org/10.1109/COASE.2019.8843183>
- Maheswari, R., Ganesan, R., & Venusamy, K. (2021). MeDrone- A Smart Drone to Distribute Drugs to Avoid Human Intervention and Social Distancing to Defeat COVID-19 Pandemic for Indian Hospital. *Journal of Physics: Conference Series*, 1964(6), 062112. <https://doi.org/10.1088/1742-6596/1964/6/062112>
- Markham, S. K. (2013). The Impact of Front-End Innovation Activities on Product Performance. *Journal of Product Innovation Management*, 30(S1), 77–92. <https://doi.org/10.1111/jpim.12065>
- Maryanski, F. J. (1980). Backend Database Systems. *ACM Computing Surveys*, 12(1), 3–25. <https://doi.org/10.1145/356802.356804>

- Masiello, E., & Friedmann, J. (2017). *Mastering React Native*. Packt Publishing Ltd.
- McCool, S. (2012). *Laravel Starter*. Packt Publishing Ltd.
- Miranda, V. R. F., Rezende, A. M. C., Rocha, T. L., Azpúrua, H., Pimenta, L. C. A., & Freitas, G. M. (2022). Autonomous Navigation System for a Delivery Drone. *Journal of Control, Automation and Electrical Systems*, 33(1), 141–155. <https://doi.org/10.1007/s40313-021-00828-4>
- Molyneaux, I. (2014). *The art of application performance testing* (Second edition). O'Reilly.
- Moura, A., Antunes, J., Dias, A., Martins, A., & Almeida, J. (2021). Graph-SLAM Approach for Indoor UAV Localization in Warehouse Logistics Applications. *2021 IEEE International Conference on Autonomous Robot Systems and Competitions (ICARSC)*, 4–11. <https://doi.org/10.1109/ICARSC52212.2021.9429791>
- Nurhayati-Wolff, H. (2023). *Indonesia: Leading digital platforms by generation 2023*. Statista. <https://www.statista.com/statistics/1447792/indonesia-leading-digital-platforms-by-generation/>
- Pinheiro, C. A. (2011). *Adopting iterative and incremental development: An empirical research study in an industrial setting*. Library and Archives Canada = Bibliothèque et Archives Canada.
- Pressman, R. S. (2010). *Software engineering: A practitioner's approach* (7th ed). McGraw-Hill Higher Education.
- Purahong, B., Anuwongpinit, T., Juhong, A., Kanjanasurat, I., & Pintaviooj, C. (2022). Medical Drone Managing System for Automated External Defibrillator Delivery Service. *Drones*, 6(4), 93. <https://doi.org/10.3390/drones6040093>
- Putri, D. F. A., Ir. Mohammad Masjkur, M.S., & Indahwati, I. (2023). Penerapan Bernoulli Naïve Bayes untuk Analisis Sentimen Pengguna Twitter Terhadap Layanan Online Food Delivery di Indonesia. *Xplore: Journal of Statistics*, 12(1), 50–62. <https://doi.org/10.29244/xplore.v12i1.1110>
- Quintanilla García, I., Vera Vélez, N., Alcaraz Martínez, P., Vidal Ull, J., & Fernández Gallo, B. (2021). A Quickly Deployed and UAS-Based Logistics Network for Delivery of Critical Medical Goods during Healthcare System Stress Periods: A Real Use Case in Valencia (Spain). *Drones*, 5(1), 13. <https://doi.org/10.3390/drones5010013>
- Rizvi, H. H., Mehdi, U.-L., Tahir, M., Khurram, M., & Khan, M. A. (2022). Medical Product Transportation UAV Drone. *Journal of Applied Engineering & Technology (JAET)*, 6(2), 75–90. <https://doi.org/10.55447/jaet.06.02.72>
- Rubin, J., & Chisnell, D. (2008). *Handbook of Usability Testing: Howto Plan, Design, and Conduct Effective Tests*, 2nd edition (2nd ed.).
- Saeed, F., Mehmood, A., Majeed, M. F., Maple, C., Saeed, K., Khattak, M. K., Wang, H., & Epiphaniou, G. (2021). Smart delivery and retrieval of swab collection kit for COVID-19 test using autonomous Unmanned Aerial Vehicles. *Physical Communication*, 48, 101373. <https://doi.org/10.1016/j.phycom.2021.101373>
- Sanchez-Moreno, A. S., Olivares-Mercado, J., Hernandez-Suarez, A., Toscano-Medina, K., Sanchez-Perez, G., & Benitez-Garcia, G. (2021). Efficient Face

- Recognition System for Operating in Unconstrained Environments. *Journal of Imaging*, 7(9), 161. <https://doi.org/10.3390/jimaging7090161>
- Sauro, J. (2016). *Quantifying the user experience: Practical statistics for user research*. Morgan Kaufmann.
- Shahparan, M., Klykov, A., Salnikova, E., & Firdavsbek, S. (2024). Development of Logistics Technology: An Analysis based on the 4.0 Era. *International Journal of Multidisciplinary Approach Research and Science*, 2(03), 994–1001. <https://doi.org/10.59653/ijmars.v2i03.787>
- Song, I.-Y., Evans, M., & Park, E. K. (1995). *A Comparative Analysis of Entity-Relationship Diagrams*. 3.
- Spillner, A., & Linz, T. (2019). *Basiswissen Softwaretest: Aus- und Weiterbildung zum Certified Tester Foundation Level nach ISTQB-Standard* (6., überarbeitete und aktualisierte Auflage). dpunkt.verlag.
- Srivastava, K., Pandey, P. C., & Sharma, J. K. (2020). An Approach for Route Optimization in Applications of Precision Agriculture Using UAVs. *Drones*, 4(3), 58. <https://doi.org/10.3390/drones4030058>
- Tagliaro, C., Komsic, M., Continella, A., Borgolte, K., & Lindorfer, M. (2024). Large-Scale Security Analysis of Real-World Backend Deployments Speaking IoT-Focused Protocols. *The 27th International Symposium on Research in Attacks, Intrusions and Defenses*, 561–578. <https://doi.org/10.1145/3678890.3678899>
- Tomasicchio, G., Cedrone, A., Fiorini, F., Esposito, L., Scardapane, G., Filipponi, F., Rinaldi, M., & Primatesta, S. (2023). *Resilient drone mission management and route optimization in drone delivery context*.
- Torrance, M. (2019). *Agile for Instructional Designers: Iterative Project Management to Achieve Results*. Association for Talent Development.