

DAFTAR PUSTAKA

- Abeygunawardana, P., Gamage, N., De Alwis, L., Ashan, S., Nilanka, C., & Godamune, P. (2021). E-medic - Autonomous drone for healthcare system. *Proceedings - IEEE 2021 International Conference on Computing, Communication, and Intelligent Systems, ICCCIS 2021*, 994–999. <https://doi.org/10.1109/ICCCIS51004.2021.9397104>
- Alshamrani, A., & Bahattab, A. (2015). *A Comparison Between Three SDLC Models Waterfall Model, Spiral Model, and Incremental/Iterative Model.* www.IJCSI.org
- 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>
- Arora, S., & Ntantis, E. L. (2024). Customisation and payload integration of hexacopter for enhanced grocery delivery. *Multidisciplinary Science Journal*, 6(7). <https://doi.org/10.31893/multiscience.2024126>
- Bangor, A., Kortum, P., & Miller, J. (2009). Determining What Individual SUS Scores Mean: Adding an Adjective Rating Scale. Dalam *Journal of Usability Studies* (Vol. 4).
- Benarbia, T., & Kyamakya, K. (2022). A literature review of drone-based package delivery logistics systems and their implementation feasibility. Dalam *Sustainability (Switzerland)* (Vol. 14, Nomor 1). MDPI. <https://doi.org/10.3390/su14010360>
- Carroll, J. M., & Hertzum, M. (2020). *Usability Testing A Practitioner's Guide to Evaluating the User Experience*. Morgan & Claypool Publisher.
- 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>
- Chowdhury, A. E., Bhowmik, A., Hasan, H., & Rahim, M. S. (2020). Analysis of the Veracities of Industry Used Software Development Life Cycle Methodologies. *AIUB Journal of Science and Engineering (AJSE)*, 16(2). <https://doi.org/10.53799/ajse.v16i2.71>
- Dennis, A., Haley Wixom, B., & Tech WILEY, V. (2019). *Systems Analysis & Design An Object-Oriented Approach With UML Sixth Edition David Tegarden.*
- Dutonde, P. D. (2022). Website Developmemt Technologies: A Review. *International Journal for Research in Applied Science and Engineering Technology*, 10(1), 359–366. <https://doi.org/10.22214/ijraset.2022.39839>

- Elmokadem, T., & Savkin, A. V. (2021). Towards fully autonomous UAVs: A survey. *Sensors*, 21(18). <https://doi.org/10.3390/s21186223>
- Few, Stephen. (2006). *Information dashboard design : the effective visual communication of data*. O'Reilly.
- 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>
- Gunturu, R., Navya Durga, K., Harsha, S., & Fayaz Ahamed, S. (2020). *Development of Drone based Delivery System using Pixhawk Flight Controller*. <https://ssrn.com/abstract=3734801>
- Hannan, A., Hussain, F., Ali, N., Ehatisham-Ul-Haq, M., Ashraf, M. U., Alghamdi, A. M., & Alfakeeh, A. S. (2021). A decentralized hybrid computing consumer authentication framework for a reliable drone delivery as a service. *PLoS ONE*, 16(4 April). <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). <https://doi.org/10.1147/JRD.2010.2048257>
- Hii, M. S. Y., Courtney, P., & Royall, P. G. (2019). An evaluation of the delivery of medicines using drones. *Drones*, 3(3), 1–20. <https://doi.org/10.3390/drones3030052>
- Hossain, M. I. (2023). *Software Development Life Cycle (SDLC) Methodologies for Information Systems Project Management*. www.ijfmr.com
- Huynh, T. S., Tran, D. T., & Vu, Q. H. (2022). *III. The System Design and Implementation*. <https://doi.org/10.24018/ejece.2021.6.4.448>
- José, F., Da, S., & Oliveira, A. (2021). *Graph-SLAM Approach for Indoor UAV Localization in Warehouse Logistics Applications*.
- Kalta, S., Bawa, G., Singh, G., Chauhan, H., & Bag, A. (2024). Developing a Prototype for Autonomous Drones. *Proceedings - 2024 3rd International Conference on Sentiment Analysis and Deep Learning, ICSADL 2024*, 702–708. <https://doi.org/10.1109/ICSADL61749.2024.00122>
- Krishnavarty, A. A., Defriani, M., & Hermanto, T. I. (2022). UI/UX Design for Language Learning Mobile Application Chob Learn Thai Using the Design Thinking Method. *SinkrOn*, 7(3), 1044–1053. <https://doi.org/10.33395/sinkron.v7i3.11585>
- 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>

- Lappas, V., Zoumponos, G., Kostopoulos, V., Shin, H. Y., 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 2020*, 1766–1774. <https://doi.org/10.1109/ICUAS48674.2020.9214020>
- Larman, C., & Basili, V. R. (2003). Brief History Iterative. *IEEE Computer Society*, 36. <https://doi.org/10.1109/MC.2003.1204375>
- Lewis, J. R., & Sauro, J. (2018). Item Benchmarks for the System Usability Scale. *Journal of Usability Studies*, 13, 158–167.
- Lieret, M., Kogan, V., Döll, S., & Franke, J. (2019). Automated in-house transportation of small load carriers with autonomous unmanned aerial vehicles. *IEEE 15th International Conference on Automation Science and Engineering*. <https://doi.org/10.1109/COASE.2019.8843183>
- Ma, M., Yang, J., Wang, P., Liu, W., & Zhang, J. (2019). Light-Weight and Scalable Hierarchical-MVC Architecture for Cloud Web Applications. *Proceedings - 6th IEEE International Conference on Cyber Security and Cloud Computing, CSCloud 2019 and 5th IEEE International Conference on Edge Computing and Scalable Cloud, EdgeCom 2019*, 40–45. <https://doi.org/10.1109/CSCloud/EdgeCom.2019.00017>
- 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). <https://doi.org/10.1088/1742-6596/1964/6/062112>
- McCool, Shawn. (2012). *Laravel starter : the definitive introduction to the Laravel PHP web development framework*. Packt Pub.
- 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, Ian. (2015). *The art of application performance testing*. O'Reilly.
- Moshref-Javadi, M., & Winkenbach, M. (2021). Applications and Research avenues for drone-based models in logistics: A classification and review. *Expert Systems with Applications*, 177. <https://doi.org/10.1016/j.eswa.2021.114854>
- Myers, G. J., Badgett, T., Thomas, T. M., & Sandler, C. (2004). *The Art of Software Testing Second Edition*.
- Nurhayati, H. (2024). *Indonesia: leading digital platforms by generation 2023 | Statista*. <https://www.statista.com/statistics/1447792/indonesia-leading-digital-platforms-by-generation/>

- Pratama, M. A. T., & Cahyadi, A. T. (2020). Effect of User Interface and User Experience on Application Sales. *IOP Conference Series: Materials Science and Engineering*, 879(1). <https://doi.org/10.1088/1757-899X/879/1/012133>
- Purahong, B., Anuwongpinit, T., Juhong, A., Kanjanasurat, I., & Pintaviooj, C. (2022). Medical Drone Managing System for Automated External Defibrillator Delivery Service. *Drones*, 6(4). <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). <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>
- Roca-Riu, M., Menendez, M., Verità, M., & Ascona, /. (2019). *Logistic deliveries with Drones. State of the art of practice and research* STRC 19th Swiss Transport Research Conference Institute for Transport Planning and Systems Logistic deliveries with Drones. State of the art of practice and research.
- Rusu, C., Rusu, V., Roncagliolo, S., & González, C. (2015). Usability and user experience: What should we care about? *International Journal of Information Technologies and Systems Approach*, 8(2), 1–12. <https://doi.org/10.4018/IJITSA.2015070101>
- 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. <https://doi.org/10.1016/j.phycom.2021.101373>
- Sauro, J., & Lewis, J. R. (2016). *Quantifying the User Experience: Practical Statistics for User Research*. Morgan Kaufmann.
- Schultz, D., & Cook, C. (2019). *Beginning HTML with CSS and XHTML: Modern Guide and Reference*. Scholars Portal.
- Shelly, G. B., & Rosenblatt, H. J. (2012). *System Analysis and Design*. Course Technology, Cengage Learning.
- Song, I.-Y., & Froehlich, K. (1995). A practical how-to guide. *IEEE*, 29–34.
- Spillner, A., & Linz, T. (2021). *Software Testing Foundations*. Deutsche Nationalbibliothek.

Srivastava, K., Pandey, P. C., & Sharma, J. K. (2020). An approach for route optimization in applications of precision agriculture using uavs. *Drones*, 4(3), 1–24. <https://doi.org/10.3390/drones4030058>

Statista. (2024). *statistic_id1366234_top-customer-frustrations-with-online-food-delivery-globally-2022*.

Tomasicchio, G., Cedrone, A., Fiorini, F., Esposito, L., Scardapane, G., Filippone, F., Rinaldi, M., & Primatesta, S. (2024). *Politecnico Di Torino Repository Istituzionale Resilient Drone Mission Management and Route Optimization in Drone Delivery Context Resilient Drone Mission Management and Route Optimization in Drone Delivery Context Resilient Drone Mission Management And Route Optimization In Drone Delivery Context*.