

DAFTAR PUSTAKA

- [1] M. A. F. Ma'ruf, M. A. Al-Arif, W. P. Lokapirnasari, and S. Hidanah, "Analysis of the Establishment of the Regional Technical Implementation Unit for the Animal Health Center (UPTD Puskesmas) for the Food Crops, Horticulture and Livestock Service Office in Mamuju Regency," *J. Med. Vet.*, vol. 6, no. 1, pp. 105–113, Apr. 2023, doi: 10.20473/jmv.vol6.iss1.2023.105-113.
- [2] M. Iqbal, "Strategi Penguatan Kinerja Pelayanan Kesehatan Hewan dalam Mendukung Sistem Kesehatan Hewan Nasional," *Anal. Kebijakan. Pertan.*, vol. 9, no. 1, pp. 53–71, Aug. 2016.
- [3] N. Husna, O. Wismandanu, and B. Sujatmiko, "Gambaran Kejadian Dermatofitosis pada Kucing di Pusat Kesehatan Hewan Kota Cimahi dengan Pendekatan Sistem Informasi Geografis," *Indones. Med. Veterinus*, vol. 9, no. 4, pp. 552–565, Jul. 2020, doi: 10.19087/imv.2020.9.4.552.
- [4] Info Cimahi, "Layanan Puskesmas Kota Cimahi." Accessed: Apr. 07, 2024. [Online]. Available: <https://infocimahi.co/articles/layanan-puskesmas-kota-cimahi>
- [5] W. Xie, X. Cao, H. Dong, and Y. Liu, "The Use of Smartphone-Based Triage to Reduce the Rate of Outpatient Error Registration: Cross-Sectional Study," *JMIR Mhealth Uhealth*, vol. 7, no. 11, p. e15313, Nov. 2019, doi: 10.2196/15313.
- [6] P. I. Sari, K. Nashirin, M. Arifudin, and Y. Setiawan, "Android Mobile Application System for Pet Care Services Using MVVM Architecture," *Indones. J. Multidiscip. Sci.*, vol. 2, no. 11, pp. 4043–4050, 2023, doi: 10.55324/ijoms.v2i11.637.
- [7] I. M. A. Sanjaya, P. W. Buana, and I. K. A. Purnawan, "Sistem Informasi Manajemen Veteriner Berbasis Mobile Platform Android," *J. Ilm. Menara Penelit. Akad. Teknol. Inf.*, vol. 4, no. 3, pp. 205–213, Dec. 2016.
- [8] Y. H. Rosidi, "Rancang Bangun Aplikasi Sistem Informasi pada Klinik Kesehatan Kucing Berbasis Android," *J. Jar. Telekomun.*, vol. 5, no. 2, pp. 28–36, Nov. 2017, doi: 10.33795/jartel.v5i2.201.
- [9] T. Sabila, E. Rosely, and H. Nugroho, "Aplikasi Pendaftaran Dan Transaksi Di Klinik Hewan Di Bandung Berbasis Android," *EProceedings Appl. Sci.*, vol. 4, no. 3, pp. 1499–1511, Dec. 2018.
- [10] S. Badria and H. Kurniawan, "Design and Build an Android-Based Online Pet Health Consultation Application," *J. Manaj. Inform. Rekayasa Perangkat Lunak Dan Teknol. Inf.*, vol. 1, no. 2, pp. 44–51, Dec. 2022.
- [11] S. A. Azaliarahma, E. I. Martyan, A. Rahmadani, and R. T. Dirgahayu, "Pengembangan Aplikasi Konsultasi Online dan Janji Temu Dokter Hewan Berbasis Android," *J. Sains Nalar Dan Apl. Teknol. Inf.*, vol. 2, no. 1, pp. 33–41, Jul. 2022, doi: 10.20885/snati.v2i1.17.
- [12] N. K. Ganvir, N. Khairwar, D. Raut, and Prof. M. Balbudhe, "Animal Healthcare Design and Development Android Based Application," *Int. Res. J.*

- Mod. Eng. Technol. Sci.*, vol. 5, no. 4, pp. 49–59, Apr. 2023, doi: 10.56726/IRJMETSS35267.
- [13] A. A. Putri, R. K. Prajnyawati, I. M. A. Suyadnya, and I. W. Shandyasa, “Rancang Bangun Aplikasi Mobile Web Untuk Marketplace Klinik Hewan,” *J. SPEKTRUM*, vol. 10, no. 3, pp. 95–105, Sep. 2023, doi: 10.24843/SPEKTRUM.2023.v10.i03.p11.
- [14] M. Kamil, P. L. L. Belluano, and L. B. Ilmawan, “Implementasi Framework Flutter Pada Rancang Bangun Aplikasi Konsultasi Dokter Hewan,” *Bul. Sist. Inf. Dan Teknol. Islam*, vol. 4, no. 4, pp. 296–305, Nov. 2023, doi: 10.33096/busiti.v4i4.1674.
- [15] F. D. Cahyo, S. D. Sancoko, and S. Diwandari, “Implementasi Layanan Payment Gateway Pada Aplikasi Klinik Hewan Peliharaan Berbasis Mobile,” *J. Teknol. Dan Sist. Inf. Bisnis*, vol. 6, no. 1, pp. 84–94, Jan. 2024, doi: 10.47233/jteksis.v6i1.1098.
- [16] A. Developer, “Build better apps faster with Jetpack Compose.” Accessed: Feb. 13, 2024. [Online]. Available: <https://developer.android.com/jetpack/compose>
- [17] S. Somantri, H. Hermanto, and M. R. Darmawan, “Perancangan Aplikasi Mobile Sig Untuk Pemantauan Sebaran Penyakit Di Kabupaten Cianjur,” *J. Ris. Sist. Inf. Dan Tek. Inform.*, vol. 9, no. 2, pp. 739–746, Aug. 2024, doi: 10.30645/jurasik.v9i2.806.
- [18] Febry Putra Rochim *et al.*, “Pengembangan Aplikasi Pose Detection untuk Asesmen Kemajuan Fisioterapi Pasien Pasca Stroke dari Jarak Jauh,” *J. Teknol. Inf. Dan Multimed.*, vol. 5, no. 4, pp. 290–301, Jan. 2024, doi: 10.35746/jtim.v5i4.415.
- [19] A. Developer, “Fundamentals of testing Android apps.” Accessed: Jan. 10, 2024. [Online]. Available: <https://developer.android.com/training/testing/fundamentals>
- [20] A. Developer, “What to test in Android.” Accessed: Sep. 09, 2023. [Online]. Available: <https://developer.android.com/training/testing/fundamentals/what-to-test>
- [21] N. Sibarani, G. Munawar, and B. Wisnuadhi, “Analisis Performa Aplikasi Android Pada Bahasa Pemrograman Java dan Kotlin,” in *Prosiding Industrial Research Workshop and National Seminar*, 9, Jul. 2018, pp. 319–324. doi: <https://doi.org/10.35313/irwns.v9i0.1116>.
- [22] Erlina, R. G. Pratama Simamora, H. Rasjid, and B. L. Basyah, “APLIKASI CHATBOT ONLINE UNTUK PEMESANAN TIKET BIOSKOP MENGGUNAKAN NATURAL LANGUAGE PROCESSING,” *J. Nas. Teknol. Komput.*, vol. 3, no. 3, pp. 127–141, Jun. 2023, doi: 10.61306/jnastek.v3i3.84.
- [23] S. Haq, B. Waspodo, and Nuryasin, “Chatbot: Reservasi Restoran Online pada Facebook Messenger,” *Appl. Inf. Syst. Manag.*, vol. 4, no. 1, pp. 23–30, 2021, doi: <https://doi.org/10.15408/aism.v4i1.19765>.
- [24] D. P. Jati and M. R. Maarif, “THE DEVELOPMENT OF CHATBOT APPLICATION ON LINE MESSAGING PLATFORM FOR CUSTOMER

- SERVICE IN JOGJA SEWA KAMERA,” *Compiler*, vol. 7, no. 2, pp. 91–98, Nov. 2018, doi: 10.28989/compiler.v7i2.368.
- [25] A. N. P. Yulia, and V. Y. Putri, “Android Based Chatbot and Mobile Application for Tour and Travel Company,” *Int. J. Cult. Technol.*, vol. 2, no. 2, pp. 21–29, Jun. 2018.
- [26] S. M. E. Lolaroh, S. R. Sentinuwo, and S. D. S. Karouw, “Sistem Informasi Vaksinasi Hewan Peliharaan dan Ternak di Kabupaten Kepulauan Sangihe,” *J. Inform.*, vol. 14, no. 3, pp. 387–394, Jul. 2019, doi: 10.35793/jti.14.3.2019.27133.
- [27] T. Pricillia and Z. Zulfachmi, “Perbandingan Metode Pengembangan Perangkat Lunak (Waterfall, Prototype, RAD),” *J. Bangkit Indones.*, vol. 10, no. 1, pp. 6–12, Mar. 2021, doi: 10.52771/bangkitindonesia.v10i1.153.
- [28] V. Chandra, “Comparison between Various Software Development Methodologies,” *Int. J. Comput. Appl.*, vol. 131, no. 9, pp. 7–10, Dec. 2015, doi: 10.5120/ijca2015907294.
- [29] A. Developer, “Meet Android Studio,” Get Started with Android Studio. Accessed: Sep. 09, 2023. [Online]. Available: <https://developer.android.com/studio/intro>
- [30] A. P. Wardhanie and K. Lebdaningrum, “Pengenalan Aplikasi Desain Grafis Figma pada Siswa-Siswi Multimedia SMKPGRI2 Sidoarjo,” *Yumary J. Pengabd. Kpd. Masy.*, vol. 3, no. 3, pp. 165–174, Mar. 2023, doi: 10.35912/yumary.v3i3.1536.
- [31] J. Kotlin, “Get Started with Kotlin.” Accessed: Apr. 15, 2024. [Online]. Available: <https://kotlinlang.org/docs/getting-started.html>
- [32] H. A. Epiloksa, D. S. Kusumo, and M. Adrian, “Effect of MVVM Architecture Pattern on Android Based Application Performance,” *J. Media Inform. Budidarma*, vol. 6, no. 4, pp. 1949–1955, Oct. 2022, doi: 10.30865/mib.v6i4.4545.
- [33] A. Developer, “Why Adopt Compose.” Accessed: Apr. 15, 2024. [Online]. Available: <https://developer.android.com/develop/ui/compose/why-adopt#powerful>
- [34] A. Developer, “DataStore.” Accessed: Jun. 16, 2024. [Online]. Available: <https://developer.android.com/topic/libraries/architecture/datastore>
- [35] S. Milanović, “Introduction to Jetpack DataStore.” Accessed: Jun. 16, 2024. [Online]. Available: <https://medium.com/androiddevelopers/introduction-to-jetpack-datastore-3dc8d74139e7>
- [36] F. F. Anhar, M. H. P. Swari, and F. P. Aditiawan, “Analisis Perbandingan Implementasi Clean Architecture Menggunakan MVP, MVI, dan MVVM pada Pengembangan Aplikasi Android Native,” *Jupit. Publ. Ilmu Keteknikan Ind. Tek. Elektro Dan Inform.*, vol. 2, no. 2, pp. 181–191, Mar. 2024, doi: 10.61132/jupiter.v2i2.155.
- [37] V. S. Code, “Getting Started.” Accessed: Apr. 16, 2024. [Online]. Available: <https://code.visualstudio.com/docs>
- [38] V. S. Code, “Code Editing. Redefined.” Accessed: Apr. 16, 2024. [Online]. Available: <https://code.visualstudio.com/>

- [39] The PHP Group, “What is PHP?” [Online]. Available: <https://www.php.net/manual/en/intro-whatis.php>
- [40] The PHP Group, “What can PHP do?” [Online]. Available: <https://www.php.net/manual/en/intro-whatcando.php>
- [41] Laravel, “Meet Laravel.” Accessed: Apr. 16, 2024. [Online]. Available: <https://laravel.com/docs/11.x#meet-laravel>
- [42] F. Sinlae, E. Irwanda, Z. Maulana, and V. Eka Syahputra, “Penggunaan Framework Laravel dalam Membangun Aplikasi Website Berbasis PHP,” *J. Siber Multi Disiplin*, vol. 2, no. 2, pp. 119–132, Jul. 2024, doi: 10.38035/jsmd.v2i2.186.
- [43] S. Singh and J. Iyer, “Comparative study of MVC (model view controller) architecture with respect to struts framework and PHP,” *Int. J. Comput. Sci. Eng. IJCSE*, vol. 5, no. 3, pp. 142–150, 2016.
- [44] S. I. Adam and S. Andolo, “A New PHP Web Application Development Framework Based on MVC Architectural Pattern and Ajax Technology,” in *2019 1st International Conference on Cybernetics and Intelligent System (ICORIS)*, 2019, pp. 45–50. doi: 10.1109/ICORIS.2019.8874912.
- [45] M. Goodwin, “What is an API?” Accessed: Apr. 18, 2024. [Online]. Available: <https://www.ibm.com/topics/api>
- [46] Amazon Web Services, “What is an API (Application Programming Interface)?” Accessed: Apr. 18, 2024. [Online]. Available: <https://aws.amazon.com/what-is/api/>
- [47] I. Ahmad, E. Suwarni, R. I. Borman, Asmawati, F. Rossi, and Y. Jusman, “Implementation of RESTful API Web Services Architecture in Takeaway Application Development,” in *2021 1st International Conference on Electronic and Electrical Engineering and Intelligent System (ICE3IS)*, IEEE, Oct. 2021, pp. 132–137. doi: 10.1109/ICE3IS54102.2021.9649679.
- [48] Google Maps Platform, “Maps SDK for Android.” Accessed: Apr. 19, 2024. [Online]. Available: <https://developers.google.com/maps/documentation/android-sdk>
- [49] M. Oracle, “About MySQL.” Accessed: Apr. 17, 2024. [Online]. Available: <https://www.mysql.com/about/>
- [50] Oracle, “MySQL Community Edition.” [Online]. Available: <https://www.mysql.com/products/community/>
- [51] Oracle, “Oracle MySQL.” [Online]. Available: <https://shop.oracle.com/apex/product?p1=MySQL>
- [52] Postman, Inc., “What is Postman?” [Online]. Available: <https://www.postman.com/product/what-is-postman/>
- [53] S. Rath, A. Pattanayak, S. Tripathy, S. B. B. Priyadarshini, A. Tripathy, and S. Tanvi, “Prediction of a Novel Rule-Based Chatbot Approach (RCA) using Natural Language Processing Techniques,” *Int. J. Intell. Syst. Appl. Eng.*, vol. 11, no. 3, pp. 318–325, Jul. 2023.
- [54] F. Ishlahuddin, A. Basir, and Nurlaela, “Rancang Bangun Sistem-Tanya Jawab Berbasis Aturan STMIK Muhammadiyah Paguyangan Brebes dengan Menggunakan Telegram Chatbot,” *J. Inform. J. Pengemb. IT*, vol. 5, no. 3, pp. 100–105, Sep. 2020, doi: 10.30591/jpit.v5i3.2900.

- [55] D. Soyusiawaty and F. G. Putra, "Pengembangan Chatbot untuk Layanan Pimpinan Daerah Muhammadiyah Kota Yogyakarta Menggunakan Metode Rule-based," *Jurnak Penerapan Sist. Inf. Komput. Manaj.*, vol. 4, no. 2, pp. 354–363, Apr. 2023.
- [56] A. Aleryani, "Comparative Study between Data Flow Diagram and Use Case Diagram," *Int. J. Sci. Res. Publ.*, vol. 6, pp. 124–2250, Apr. 2016.
- [57] I. N. E. Indrayana, P. Sutawinaya, N. M. W. D. Pratiwi, P. M. Prihatini, and S. A. Asri, "Android-Based Child Monitoring Application Using A Smartwatch and Geofence Service," *J. Phys. Conf. Ser.*, vol. 1803, no. 1, p. 012024, Feb. 2021, doi: 10.1088/1742-6596/1803/1/012024.
- [58] W. Linzhang, Y. Jiesong, Y. Xiaofeng, H. Jun, L. Xuandong, and Z. Guoliang, "Generating test cases from UML activity diagram based on gray-box method," in *11th Asia-Pacific software engineering conference*, IEEE, 2004, pp. 284–291.
- [59] M. Touseef, N. Anwer, A. Hussain, and A. Nadeem, "Testing from UML design using activity diagram: a comparison of techniques," *Int. J. Comput. Appl.*, vol. 131, no. 5, pp. 975–8887, 2015, doi: <http://dx.doi.org/10.5120/ijca2015907354>.
- [60] S. M. Pulungan, R. Febrianti, T. Lestari, N. Gurning, and N. Fitriana, "Analisis Teknik Entity-Relationship Diagram Dalam Perancangan Database," *J. Ekon. Manaj. Dan Bisnis JEMB*, vol. 1, no. 2, pp. 143–147, Feb. 2023, doi: 10.47233/jemb.v1i2.533.
- [61] A. Developer, "Build local unit tests." [Online]. Available: <https://developer.android.com/training/testing/local-tests>
- [62] B. Wisnuadhi, G. Munawar, and U. Wahyu, "Performance Comparison of Native Android Application on MVP and MVVM," in *Proceedings of the International Seminar of Science and Applied Technology (ISSAT 2020)*, Atlantis Press, Dec. 2020, pp. 276–282. doi: 10.2991/aer.k.201221.047.
- [63] Q. Alghifari, "Analisis Performa Aplikasi PIKOBAR Berbasis Android Native dan Progressive Web App," *Semin. Nas. Pengaplikasian Telematika*, vol. 1, no. 1, pp. 129–134, 2021.
- [64] ISO 25000, "ISO/IEC 25010." [Online]. Available: <https://www.iso25000.com/index.php/en/iso-25000-standards/iso-25010>
- [65] Apptim, "Efficiently test and fine-tune the performance of your mobile app with AI-driven solutions." [Online]. Available: <https://www.apptim.com/>
- [66] Apptim Inc., "Thresholds." [Online]. Available: <https://docs.apptim.com/guides/thresholds>
- [67] Laravel, "Testing: Getting Started." [Online]. Available: <https://laravel.com/docs/11.x/testing>
- [68] D. Murdiyanto and A. Filgazwi, "Expert System in the Field of Oral Medicine as a Learning Media for Dentistry Students," *Pros. Univ. Res. Colloq.*, vol. 19, Mar. 2024, Accessed: Jul. 21, 2024. [Online]. Available: <https://repository.urecol.org/index.php/proceeding/article/view/2867>
- [69] N. A. N. Ahmad and P. N. N. M. Sazali, "Performing User Acceptance Test with System Usability Scale for Graduation Application," in *2021 International Conference on Software Engineering & Computer Systems and*

4th International Conference on Computational Science and Information Management (ICSECS-ICOCSIM), Aug. 2021, pp. 86–91. doi: 10.1109/ICSECS52883.2021.00023.

- [70] R. Suman and S. Sahibuddin, “User Acceptance Testing in Mobile Health Applications: An overview and the Challenges,” in *Proceedings of the 2nd International Conference on Information Science and Systems*, in ICISS ’19. New York, NY, USA: Association for Computing Machinery, 2019, pp. 145–149. doi: 10.1145/3322645.3322670.
- [71] I. Afrianto, A. Heryandi, A. Finandhita, and S. Atin, “User Acceptance Test For Digital Signature Application In Academic Domain To Support The Covid-19 Work From Home Program,” *Int. J. Inf. Syst. Technol.*, vol. 5, no. 3, pp. 270–280, Oct. 2021, doi: 10.30645/ijistech.v5i3.132.