

DAFTAR PUSTAKA

- [1] T. Ponta, "Migrasi ke Televisi Digital (DTV) Dan Prospek Pengembangannya," *Jurnal Elektronika Telekomunikasi & Komputer*, vol. 5, no. 1, pp. 745-756, 2010.
- [2] Pemerintah Indonesia, "Peraturan Menteri Komunikasi dan Informatika Nomor 11 Tahun 2021 tentang Perubahan atas Peraturan Menteri Komunikasi dan Informatika Nomor 6 Tahun 2021 tentang Penyelenggaraan Penyiaran," Kementerian Komunikasi dan Informatika, Jakarta, 2021.
- [3] T. Anggraeni, "Technical Challenges of DVB-T2 Implementation in Indonesia," *Buletin Pos dan Telekomunikasi*, vol. 12, no. 4, pp. 241-254, 2014.
- [4] F. Z. Abraham, "Kesiapan Masyarakat Menerima Konversi Televisi Analog ke Televisi Digital," *Prosiding Temu Ilmiah Peneliti*, pp. 301-320, 2013.
- [5] A. Subhan, "Socialization of Analog to Digital TV Broadcast Migration as a Broadcasting Innovation in Gorontalo City based on Diffusion-Innovation Perspective," *Jurnal Ilmiah Mandala Education*, vol. 10, no. 1, pp. 287-300, 2024.
- [6] N. Gunarjo, "Analog Switch-Off (ASO), Hadirkan Siaran Televisi Berkualitas," 2 November 2021. [Online]. Available: <https://indonesiabaik.id/infografis/analog-switch-off-aso-hadirkan-siaran-televisi-berkualitas>.
- [7] R. Anggiono, "Masyarakat Provinsi Riau Menyambut Migrasi Siaran TV Digital," *JabarEkspres.com*, 6 Oktober 2021. [Online]. Available: <https://jabarekspres.com/berita/2021/10/06/masyarakat-provinsi-riau-menyambut-migrasi-siaran-tv-digital/>.
- [8] Pemerintah Indonesia, "Peraturan Menteri Komunikasi Dan Informatika Republik Indonesia Nomor 6 Tahun 2019 Tentang Rencana Induk Frekuensi Radio Untuk Keperluan Penyelenggaraan Televisi Siaran Digital Terestrial Pada Pita Frekuensi Radio Ultra High Frequency," Kementerian Komunikasi dan Informatika, Jakarta, 2019.
- [9] Pemerintah Indonesia, "Peraturan Pemerintah (PP) Nomor 46 Tahun 2021 tentang Pos, Telekomunikasi, dan Penyiaran," Pemerintah Pusat, Jakarta, 2021.
- [10] S. E. Subitmele, "TV Analog adalah Jenis Sistem Penyiaran, Kenali Perbedaannya dengan TV Digital," *LIPUTAN6*, 2 November 2022. [Online]. Available:

<https://www.liputan6.com/hot/read/5114570/tv-analog-adalah-jenis-sistem-penyiaran-kenali-perbedaannya-dengan-tv-digital?page=3>.

- [11] I. T. Union, "DVB-T Coverage Measurements and Verification of Planning Criteria," Agustus 2013. [Online].
- [12] Bangunindo, "sinyalTVdigital APK untuk Unduhan Android," [Online]. Available: <https://apkpure.com/id/sinyaltvdigital/com.btjdashboard.ppi>. [Accessed 25 Oktober 2024].
- [13] L. Jemadu and D. Prastya, "Aplikasi sinyalTVdigital Hilang di Play Store dan App Store, Ini Kata Kominfo," *suara.com*, 7 November 2022. [Online]. Available: <https://www.suara.com/tekno/2022/11/07/184314/aplikasi-sinyaltvdigital-hilang-di-play-store-dan-app-store-ini-kata-kominfo>. [Accessed 21 10 2024].
- [14] G. A. Putra, Endroyono and G. Kusrahardjo, "Rancang Bangun Software Sistem Monitoring TV Digital DVB-T2," *Jurnal Teknik ITS*, vol. 4, no. 1, pp. A19-A24, 2015.
- [15] A. F. Isnawati, W. Pamungkas, A. Wicaksono dan U. A. Ahmad, "Rancang Bangun Coverage Prediction Sistem Penyiaran DVB-T2," *Laporan Kemajuan Penelitian Internal Skema Pekerti DN*, pp. 1-11, 2024.
- [16] Google, "Google Maps," Google LLC, [Online]. Available: <https://maps.app.goo.gl/rdvedFTka1uGemUz9>.
- [17] International Telecommunication Union, "Method for Point-to-Area Predictions for Terrestrial Services in The Frequency Range 30 MHz to 3 000 MHz," September 2013. [Online].
- [18] P. L. Rice, A. G. Longley, K. A. Norton dan A. P. Barsis, "Transmission Loss Prediction for Tropospheric Communication Circuits," *National Bureau of Standards*, vol. 1, 1965.
- [19] A. L. P. Botelho, "Propagation Models Comparison by Propagation Features," *Set International Journal of Broadcast Engineering*, pp. 63-72, 2019.
- [20] Center of Telecommunication Technologies, "RadioPlanner 3.0 Mobile and Broadcast Network Planning User Manual," [Online]. Available: <https://www.wireless-planning.com/radioplanner-3-user-manual-part1>.

- [21] ICUBE, "Mobile-Friendly menjadi Kunci untuk Optimalkan Bisnis E-Commerce," ICUBE by SIRCLO, Maret 2022. [Online]. Available: <https://icubeonline.com/news-blog/mobile-friendly-menjadi-kunci-untuk-optimalkan-bisnis-e-commerce>.
- [22] T. C. Redman, "The Impact of Poor Data Quality on The Typical Enterprise," *Communications of the ACM*, vol. 41, no. 2, pp. 79-82, 1998.
- [23] G. A. Putra, Endroyono dan G. Kusrahardjo, "Rancang Bangun Software Sistem Monitoring TV Digital DVB-T2," *Jurnal Teknik ITS*, vol. IV, no. 1, pp. A19-A24, 2015.
- [24] "Mobile app, web app, desktop app: know the difference!," mobitouch, 31 Agustus 2023. [Online]. Available: <https://mobitouch.net/blog/mobile-app-web-app-desktop-app-know-the-difference>.
- [25] L. Paunovska and L. Gavrilovska, "Comparison of Propagation Models ITU.R-P.1546 and ITU.R-P.1812," *2014 4th International Conference on Wireless Communications*, pp. 1-5, 2014.
- [26] G. A. Hufford, A. G. Longley dan W. A. Kissick, "A Guide to the Use of the ITS Irregular Terrain Model in the Area Prediction Mode," U.S. Department of Commerce, 1982.
- [27] A. Gutierrez, R. G. Dreslinsk, T. F. Wenisch, T. Mudge, A. Saidi, C. Emmons dan N. Paver, "Full-System Analysis and Characterization of Interactive Smartphone Applications," *2011 IEEE International Symposium on Workload Characterization (IISWC)*, pp. 81-90, 2011.
- [28] S. Adepu dan R. F. Adler, "A Comparison of Performance and Preference on Mobile Devices vs. Desktop Computers," *2016 IEEE 7th Annual Ubiquitous Computing, Electronics & Mobile Communication Conference (UEMCON)*, pp. 1-7, 2016.
- [29] A. K. Jain dan D. Shanbhag, "Addressing Security and Privacy Risks in Mobile Applications," *IT Professional*, vol. 14, no. 5, pp. 28-33, 2012.
- [30] A. Delignat, "Security Types for Web Applications," Inria Paris - Rocquencourt, 2012.
- [31] P. Weichbroth, "Usability of Mobile Applications: A Systematic Literature Study," *IEEE Access*, vol. 8, pp. 55563-55577, 2020.
- [32] F. Lin, J. Zhao dan M. Chi, "A Study on Temporal Effects of Different Types of Mobile Application Updates," *Sustainability*, vol. 14, no. 3, 2022.

- [33] L. P. Souza and F. d. E. Santo, "Comparativo Entre Frameworks De Css Bootstrap E Bulma Para Desenvolvimento De Projetos Web," *Revista Interface Tecnológica*, vol. 17, no. 1, pp. 140-152, 2020.
- [34] V. Picheny, N.-H. Kim dan R. Haftka, "Application of Bootstrap Method in Conservative Estimation of Reliability with Limited Samples," *Structural and Multidisciplinary Optimization*, vol. 41, p. 205–217, 2010.
- [35] A. D. Septina dan E. Ramadhani, "Design and Implementation in Frontend Development of the PLN UP3 Yogyakarta SIBER Project with Tailwind and Bootstrap," *Journal of Social Science*, vol. 5, no. 4, pp. 989-999, 2024.
- [36] M. Kaluža, M. Kalanj dan B. Vukelić, "A Comparison of Back-end Frameworks for Web Application Development," *Zbornik Veleučilišta u Rijeci*, vol. 7, no. 1, pp. 317-332, 2019.
- [37] M. Siahaan and R. Wijaya, "Performance Comparison Between Laravel and ExpressJs Framework Using Apache JMeter," *Journal of Informatics and Telecommunication Engineering*, vol. 7, no. 2, 2024.
- [38] M. Sharma, M. S. Khan dan J. Singh, "Python & Django the Fastest Growing Web Development Technology," *2024 IEEE 1st Karachi Section Humanitarian Technology Conference (KHI-HTC)*, pp. 1-9, 2024.
- [39] A. Aborujilah, J. Adamu, S. Shariff dan Z. A. Long, "Descriptive Analysis of Built-in Security Features in Web Development Frameworks," *2022 16th International Conference on Ubiquitous Information Management and Communication (IMCOM)*, pp. 1-8, 2022.
- [40] L. Xin, "Contrast Selection between MySQL and PostgreSQL," *Journal of Shenyang Institute of Engineering*, no. 2, pp. 171-173, 177, 2011.
- [41] I. Sudiartha, I. Indrayana, I. W. Suasnawa, S. Asri dan P. Sunu, "Data Structure Comparison Between MySql Relational Database and Firebase Database NoSql on Mobile Based Tourist Tracking Application," *Journal of Physics: Conference Series*, 2020.
- [42] M. Ohyver, J. V. Moniaga, I. Sungkawa, B. E. Subagyo and I. A. Chandra, "The Comparison Firebase Realtime Database and MySQL Database Performance using Wilcoxon Signed-Rank Test," *Procedia Computer Science*, vol. 157, pp. 396-405, 2019.

- [43] B. Nascimento, R. Santos, M. Abbasi, P. Martins, J. Silva and P. Váz, "Scalability and Performance Evaluation of NewSQL and Relational Databases: A Comparative Benchmark Study," *2023 Second International Conference On Smart Technologies For Smart Nation (SmartTechCon)*, 2023.
- [44] M. Grzesiak, A. Cianciara dan A. Piórkowski, "Performance Scalability of Database Operations on Systems with Multi-core Processors," 2013.
- [45] J. Wang, Z. Wu, Y. Hao, C. Yang dan Y. Shi, "An SVR-Based Radio Propagation Prediction Model for Terrestrial FM Broadcasting Services in Beijing and Its Surrounding Area," *IEEE Transactions on Broadcasting*, vol. 70, no. 1, pp. 123-134, 2024.
- [46] F. D. Costa, L. Ramírez dan M. Dias, "Analysis of ITU-R VHF/UHF Propagation Prediction Methods Performance on Irregular Terrains Covered by Forest," *IET Microwaves Antennas & Propagation*, vol. 12, no. 8, pp. 1450-1455, 2018.
- [47] N. C. P. Prior, "Railways Communications Propagation Prediction over Irregular Terrain using Longley-Rice Model," *2021 28th International Conference on Telecommunications (ICT)*, pp. 1-5, 2021.
- [48] A. Zalukhu, S. Purba dan D. Darma, "Perangkat Lunak Aplikasi Pembelajaran Flowchart," *Jurnal Teknologi Informasi dan Industri*, vol. 4, no. 1, pp. 61-70, 2023.
- [49] A. R. Simatupang, "Analisis Proses Pada Senayan Library Information Management System (SLIMS) Cendana Berbasis Data Flow Diagram (DFD) Di Perpustakaan Universitas Kristen Duta Wicana Yogyakarta," *Jurnal Ilmu Perpustakaan dan Informasi*, vol. 5, no. 1, pp. 1-5, 2020.
- [50] Dicoding Intern, "Apa itu UML? Beserta Pengertian dan Contohnya," Dicoding, 12 Mei 2021. [Online]. Available: <https://www.dicoding.com/blog/apa-itu-uml/>.
- [51] A. Hendini, "Pemodelan UML Sistem Informasi Monitoring Penjualan dan Stok Barang (Studi Kasus Distro Zhezha Pontianak)," *Jurnal Khatulistiwa Informatika*, vol. 4, no. 2, pp. 107-116, 2016.
- [52] S. Pranoto, S. Sutiono, Sarifudin dan D. Nasution, "Penerapan UML dalam Perancangan Sistem Informasi Pelaporan dan Evaluasi Pembangunan pada Bagian Administrasi Pembangunan Sekretariat Daerah Kota Tebing Tinggi," *Surplus: Jurnal Ekonomi dan Bisnis*, vol. 2, no. 2, pp. 384-401, 2024.

- [53] Pemerintah Indonesia, Peraturan Menteri Komunikasi Dan Informatika Republik Indonesia Nomor 6 Tahun 2019 Tentang Rencana Induk Frekuensi Radio Untuk Keperluan Penyelenggaraan Televisi Siaran Digital Terrestrial Pada Pita Frekuensi Radio Ultra High Frequency, Jakarta: Kementerian Komunikasi dan Informatika, 2021.
- [54] A.-I. Abălaru, L. Dragomir and M. Herbei, "Types of Geographic Coordinates and Their Transformation Methods," *Research Journal of Agricultural Science*, no. 56, pp. 3-8, 2024.
- [55] W. N. Cholifah, Yulianingsih dan S. M. Sagita, "Pengujian Black Box Testing Pada Aplikasi Action & Strategy Berbasis Android dengan Teknologi Phonegap," *Jurnal String*, vol. 3, no. 2, pp. 206-210, Desember 2018.
- [56] H. L. Hakim, D. Faqih, I. F. Hudaya dan M. N. Ilyas, "Pengujian Alpha Dan Beta Testing Pada Aplikasi TIJE," *Jurnal Ilmiah Teknologi - Informasi dan Sains TEKNOIS*, vol. 14, no. 2, pp. 285-295, Juli 2024.