

DAFTAR PUSTAKA

- Abba, S., & Garba, A. M. (2020). *An IoT-Based Smart Framework for a Human Heartbeat Rate Monitoring and Control System*. 36. <https://doi.org/10.3390/ecsa-6-06543>
- Abdulwareth, A. J., & Al-Shargabi, A. A. (2021). Toward a Multi-Criteria Framework for Selecting Software Testing Tools. *IEEE Access*, 9, 158872–158891. <https://doi.org/10.1109/ACCESS.2021.3128071>
- Adhiya Adha, I., Voutama, A., Ali Ridha, A., Ilmu Komputer, F., Singaperbangsa Karawang, U., HSRonggo Waluyo, J., Timur, T., & Barat, J. (2023). PERANCANGAN UI/UX APLIKASI OGAN LOPIAN DISKOMINFO PURWAKARTA MENGGUNAKAN METODE DESIGN THINKING. *JOISIE Journal Of Information System And Informatics Engineering*, 7(1).
- Adirasyid, R. H., Muslimah Az-Zahra, H., & Setiawan, N. Y. (2019). *Evaluasi Usability Situs Web Resmi Pemerintah Kabupaten Sidoarjo Menggunakan Metode Usability Testing dan Evaluasi Heuristic* (Vol. 3, Issue 9). <http://j-ptiik.ub.ac.id>
- Afrianto, I., Heryandi, A., Finadhita, A., & Atin, S. (2021). *User Acceptance Test For Digital Signature Application In Academic Domain To Support The Covid-19 Work From Home Program*. <https://doi.org/10.30645/ijistech.v5i3>
- Ahmad, A., Li, K., Feng, C., Asim, S. M., Yousif, A., & Ge, S. (2018). An Empirical Study of Investigating Mobile Applications Development Challenges. *IEEE Access*, 6, 17711–17728. <https://doi.org/10.1109/ACCESS.2018.2818724>
- Akbar, F., Maulana, R., & Fitriyah, H. (2018). *Sistem Monitoring Denyut Jantung Menggunakan NodeMCU dan MQTT* (Vol. 2, Issue 12). <http://j-ptiik.ub.ac.id>

- Akbar, T., & Gunawan, I. (2020). Prototype Sistem Monitoring Infus Berbasis IoT (Internet of Things). *Edumatic: Jurnal Pendidikan Informatika*, 4(2), 155–163.
<https://doi.org/10.29408/edumatic.v4i2.2686>
- Ali, N. S., Alyasseri, Z. A. A., & Abdulmohson, A. (2018). Real-time heart pulse monitoring technique using wireless sensor network and mobile application. *International Journal of Electrical and Computer Engineering*, 8(6), 5118–5126.
<https://doi.org/10.11591/ijece.v8i6.pp5118-5126>
- Ambary, I. M., & Raharja, W. K. (2018). PURWARUPA ALAT PENDETEKSI DETAK JANTUNG BERBASIS ATMEGA328. *Jurnal Ilmiah Teknologi Dan Rekayasa*, 23(1), 38–47.
<https://doi.org/10.35760/tr.2018.v23i1.2449>
- Antoni, M. S., & Suharjana, S. (2019). Aplikasi kebugaran dan kesehatan berbasis android: Bagaimana persepsi dan minat masyarakat? *Jurnal Keolahragaan*, 7(1), 34–42. <https://doi.org/10.21831/jk.v7i1.21571>
- Ar Razi, A., Rizky Mutiaz, I., Pindi Setiawan, dan, Teknologi Bandung Jl Ganesha No, I., Siliwangi, L., Bandung, K., & Barat, J. (2018). PENERAPAN METODE DESIGN THINKING PADA MODEL PERANCANGAN UI/UX APLIKASI PENANGANAN LAPORAN KEHILANGAN DAN TEMUAN BARANG TERCECER. *Jurnal Desain Komunikasi Visual*, 03(02). <http://bit.do/demandia>
- Ari Anggara, D., Harianto, W., & Aziz, A. (2021). id/index.php/kurawal Prototipe Desain User Interface Aplikasi Ibu Siaga Menggunakan Lean UX 58 PROTOTIPE DESAIN USER INTERFACE APLIKASI IBU SIAGA MENGGUNAKAN LEAN UX. In *Informasi dan Industri* (Vol. 4).
- Arianti, T., Fa'izi, A., Adam, S., Wulandari, M., & Aisyiyah Pontianak, P. ' . (2022). PERANCANGAN SISTEM INFORMASI

PERPUSTAKAAN MENGGUNAKAN DIAGRAM UML (UNIFIED MODELLING LANGUAGE). In *DOI: ...* (Vol. 1, Issue 1).

Azhar, T. F., Kasiyah, & Santoso, H. B. (2019). *2019 International Conference on Advanced Computer Science and Information Systems (ICACCSIS) : Melia Bali Hotel, Bali, Indonesia, October 12th-13th, 2019.*

Buhl, A., Schmidt-Keilich, M., Muster, V., Blazejewski, S., Schrader, U., Harrach, C., Schäfer, M., & Süßbauer, E. (2019). Design thinking for sustainability: Why and how design thinking can foster sustainability-oriented innovation development. *Journal of Cleaner Production*, 231, 1248–1257. <https://doi.org/10.1016/j.jclepro.2019.05.259>

Chamida, M. A., Susanto, A., & Latubessy, A. (2021). ANALISA USER ACCEPTANCE TESTING TERHADAP SISTEM INFORMASI PENGELOLAAN BEDAH RUMAH DI DINAS PERUMAHAN RAKYAT DAN KAWASAN PERMUKIMAN KABUPATEN JEPARA. *Indonesian Journal of Technology, Informatics and Science (IJTIS)*, 3(1), 36–41. <https://doi.org/10.24176/ijtis.v3i1.7531>

de Andrade Cardieri, G., & Zaina, L. M. (2018, October 22). Analyzing user experience in mobile web, native and progressive web applications: A user and HCI specialist perspectives. *ACM International Conference Proceeding Series*. <https://doi.org/10.1145/3274192.3274201>

Dhaifullah, I. R., Muttanifudin, M., Salsabila, A. A., & Yakin, M. A. (2022). Survei Teknik Pengujian Software. In *JACIS: Journal Automation Computer Information System* (Vol. 2, Issue 1).

Dian, J., Diapoldo Silalahi, F., & Dwi Setiawan, N. (2021). *Sistem Monitoring Detak Jantung Untuk Mendeteksi Tingkat Kesehatan Jantung Berbasis Internet Of Things Menggunakan Android.*

Divyani, M., Taley, S., & Pathak, B. (2020). *Comprehensive Study of Software Testing Techniques and Strategies: A Review.* www.ijert.org

Febria Laksana, F. (2019). *PENGUKURAN KUALITAS UX WEBSITE MENGGUNAKAN SUS* (Vol. 4, Issue 2). www.upy.ac.id

Febrianto, W. A., Hayuhardhika, W., Putra, N., & Perdanakusuma, A. R. (2019). *Analisis Pengalaman Pengguna Aplikasi Sistem Informasi Puskesmas Paperless menggunakan Metode Usability Testing dan User Experience Questionnaire (UEQ) (Studi Kasus : Puskesmas Tarik Kabupaten Sidoarjo)* (Vol. 3, Issue 6). <http://j-ptiik.ub.ac.id>

Firdaus, H., & Zakiah, A. (2021). Implementation of usability testing methods to measure the usability aspect of management information system mobile application (Case study sukamiskin correctional institution). *International Journal of Modern Education and Computer Science*, 13(5), 58–67. <https://doi.org/10.5815/ijmecs.2021.05.06>

Gusti, I., Agung, A., Indrayani, D., Putu, I., Bayupati, A., Made, I., & Putra, S. (2020). *Analisis Usability Aplikasi iBadung Menggunakan Heuristic Evaluation Method Analisis Usability Aplikasi iBadung Menggunakan Heuristic Evaluation Method (I Gusti Ayu Agung Diah Indrayani)*.

Hanifah, W., Septi Oktavia, W., & Hoirun Nisa, dan. (2021). *FAKTOR GAYA HIDUP DAN PENYAKIT JANTUNG KORONER: REVIEW SISTEMATIK PADA ORANG DEWASA DI INDONESIA (LIFESTYLE FACTORS AND CORONARY HEART DISEASE: A SYSTEMATIC REVIEW AMONG INDONESIAN ADULTS)*. 44(1), 45–58.

Haq, H. N., Hasbi, M. F., & Maulid, H. (2021). My TelU : Aplikasi mobile untuk civitas akademica Telkom University berbasis Flutter. *Proceeding of Applied Science*, 7(5).

Haraty, R. A., & Hu, G. (2018). Software process models: a review and analysis. In *International Journal of Engineering & Technology* (Vol. 7, Issue 2). www.sciencepubco.com/index.php/IJET

Hidayat, T., & Muttaqin, M. (2018). Pengujian Sistem Informasi Pendaftaran dan Pembayaran Wisuda Online menggunakan Black Box

Testing dengan Metode Equivalence Partitioning dan Boundary Value Analysis. In *Jurnal Teknik Informatika UNIS JUTIS* (Vol. 6, Issue 1). www.ccsenet.org/cis

Islam, M. R., Kabir, M. M., Mridha, M. F., Alfarhood, S., Safran, M., & Che, D. (2023). Deep Learning-Based IoT System for Remote Monitoring and Early Detection of Health Issues in Real-Time. *Sensors*, 23(11). <https://doi.org/10.3390/s23115204>

Isnainrrajab, I., Hadi Wijoyo, S., & Perdanakusuma, A. R. (2020). *Evaluasi Usability Pada Aplikasi PermataMobile X Dengan Menggunakan Metode Usability Testing Dan System Usability Scale(SUS)* (Vol. 4, Issue 10). <http://j-ptiik.ub.ac.id>

Isyanto, H., Syahrul Wahid, A., & Ibrahim, W. (2022). *Desain Alat Monitoring Real Time Suhu Tubuh, Detak Jantung dan Tekanan Darah secara Jarak Jauh melalui Smartphone berbasis Internet of Things Smart Healthcare.* 5(1).

Ita, K., Pramana, Y., Righo, A., & Studi Keperawatan, P. (2021). IMPLEMENTASI INTERPROFESSIONAL COLLABORATION ANTAR TENAGA KESEHATAN YANG ADA DI RUMAH SAKIT INDONESIA ; LITERATURE REVIEW. In *Jurnal ProNers*.

Kamarozaman, N. Bin, & Awang, A. H. (2021). IOT COVID-19 Portable Health Monitoring System Using Raspberry Pi, Node-Red and ThingSpeak. *IEEE Symposium on Wireless Technology and Applications, ISWTA, 2021-August,* 107–112. <https://doi.org/10.1109/ISWTA52208.2021.9587444>

Khakim, M. L., & Sharif, O. O. (2018). *ANALYSIS USER EXPERIENCE OF GO-JEK APPLICATIONS USING HEART METRICS.*

Li, N., Han, Q., Zhang, Y., Li, C., He, Y., Liu, H., & Mao, Z. (2022). Standardization Workflow Technology of Software Testing Processes and its Application to SRGM on RSA Timing Attack Tasks. *IEEE*

Access, 10, 82540–82559.
<https://doi.org/10.1109/ACCESS.2022.3196934>

- Lindley, C. (2019). *Written by Cody Lindley Overview*.
- Luh, N., Wardani, S., Gede, I., Darmawiguna, M., & Sugihartini, N. (2019). Usability Testing Sesuai dengan ISO 9241-11 pada Sistem Informasi Program Pengalaman Lapangan Universitas Pendidikan Ganesha Ditinjau dari Pengguna Mahasiswa. In *Kumpulan Artikel Mahasiswa Pendidikan Teknik Informatika (KARMAPATI)* (Vol. 8).
- Maradona, H. (2021). SISTEM PAKAR DIAGNOSA PENYAKIT JANTUNG DENGAN METODE CASE BASED REASONING (CBR). In *Jurnal Sistem Informasi* (Vol. 3, Issue 1).
- Maya Kadarina, T. (2018). *Portable Medical Device untuk Aplikasi Pelayanan Kesehatan Ibu dan Anak Berbasis IoT*.
- Megawati, S., & Lawi, A. (2021). *Pengembangan Sistem Teknologi Internet of Things Yang Perlu Dikembangkan Negara Indonesia*.
- Mohamad Jawad, H. H., Bin Hassan, Z., Zaidan, B. B., Mohammed Jawad, F. H., Mohamed Jawad, D. H., & Alredany, W. H. D. (2022). A Systematic Literature Review of Enabling IoT in Healthcare: Motivations, Challenges, and Recommendations. In *Electronics (Switzerland)* (Vol. 11, Issue 19). MDPI.
<https://doi.org/10.3390/electronics11193223>
- Mohan, S., Thirumalai, C., & Srivastava, G. (2019). Effective heart disease prediction using hybrid machine learning techniques. *IEEE Access*, 7, 81542–81554. <https://doi.org/10.1109/ACCESS.2019.2923707>
- Nego, A., & Sebayang, O. (2018). cPotensi Aplikasi Jaringan Syaraf Tiruan dalam Deteksi cccDini Aritmia Jantung. In *JIMKI* (Vol. 6, Issue 2).
<http://who.int//mediacentre/factshe>

Nurfauziah, H., & Jamaliyah, I. (2022). *PERBANDINGAN METODE TESTING ANTARA BLACKBOX DENGAN WHITEBOX PADA SEBUAH SISTEM INFORMASI*. 8(2).

Pham, N., & Zhao, Y. (2018). The Role of User Interface Design in a Digital Document Reader. In *DEGREE PROJECT TECHNOLOGY*.

Pinem, A. A., Yeskafauzan, A., Handayani, P. W., Azzahro, F., Hidayanto, A. N., & Ayuningtyas, D. (2020). Designing a health referral mobile application for high-mobility end users in Indonesia. *Heliyon*, 6(1). <https://doi.org/10.1016/j.heliyon.2020.e03174>

Posthuma, L. M., Downey, C., Visscher, M. J., Ghazali, D. A., Joshi, M., Ashrafian, H., Khan, S., Darzi, A., Goldstone, J., & Preckel, B. (2020). Remote wireless vital signs monitoring on the ward for early detection of deteriorating patients: A case series. In *International Journal of Nursing Studies* (Vol. 104). Elsevier Ltd. <https://doi.org/10.1016/j.ijnurstu.2019.103515>

Prabowo, A. S., & Kurniadi, F. I. (2023). *Analisis Perbandingan Kinerja Algoritma Klasifikasi dalam Mendeteksi Penyakit Jantung*.

Praniffa, A. C., Syahri, A., Sandes, F., Fariha, U., Giansyah, Q. A., & Hamzah, M. L. (2023). PENGUJIAN BLACK BOX DAN WHITE BOX SISTEM INFORMASI PARKIR BERBASIS WEB BLACK BOX AND WHITE BOX TESTING OF WEB-BASED PARKING INFORMATION SYSTEM. In *Jurnal Testing dan Implementasi Sistem Informasi* (Vol. 1, Issue 1).

Prasetyo, A., & Prananingrum, D. H. (2022). DISRUPSI LAYANAN KESEHATAN BERBASIS TELEMEDICINE: HUBUNGAN HUKUM DAN TANGGUNG JAWAB HUKUM PASIEN DAN DOKTER. *Refleksi Hukum: Jurnal Ilmu Hukum*, 6(2), 225–246. <https://doi.org/10.24246/jrh.2022.v6.i2.p225-246>

Pressman, R. S., & Maxim, B. R. (2020). *Software Engineering*.

- Pricillia, T., & Zulfachmi. (2021). *Perbandingan Metode Pengembangan Perangkat Lunak(Waterfall, Prototype, RAD)*.
- Prihandoyo, T. M. (2018). *Unified Modeling Language (UML) Model Untuk*.
- Priyulida, F., Fona, B., Putra, E., & Situmorang, H. (2023). *Penerapan Internet Of Things Untuk Memantau Aktivitas Jantung Berbasis Android* (Vol. 8, Issue 1). <http://e-journal.sari-mutiara.ac.id/index.php/7>
- Puspitaningrum, A. D., & Purnomo, A. S. (2018). Sistem Pakar Untuk Mendeteksi Tingkat Risiko Penyakit Jantung Menggunakan Fuzzy Inferensi (Sugeno) Expert System to Detect Heart Disease Risk Level Using Fuzzy Inference (Sugeno). In *Jembatan Merah No. 84C*. Gejayan.
- Putera, A. J. P. A., Rahmat, B., & Hertiana, S. N. (2022). *Monitoring Kesehatan Sapi melalui Aplikasi Mobile berbasis Android*.
- Putra, I., Muayyadi, A., & Perdana, D. (2023). *Implementasi Sistem Monitoring Detak Jantung Dan Suhu Tubuh Menggunakan Sensor Pulse Dan Blynk Application Berbasis Internet Of Things Implementation Of Heart Rate And Body Temperature Monitoring Applications Using Pulse And Blynk Sensors Based On The Internet Of Things*.
- Rahayu, S., Subekhi, A., Astuti, D., Widaningsih, I., & Sartika, I. (2020). *UPAYA MEWASPADA SERANGAN JANTUNG MELALUI PENDIDIKAN KESEHATAN*. 4(2), 163–171. <https://doi.org/10.31764/jmm.v4i2.1940>
- Sakama, N., Mori, H., & Iba, T. (2018). Creative Systems Analysis of Design Thinking Process. In *Studies on Entrepreneurship, Structural Change and Industrial Dynamics* (pp. 103–113). Springer Nature. https://doi.org/10.1007/978-3-319-74295-3_9

Shadiq, J., Safei, A., Wahyudin Ratu Loly, R., sitasi, C., Rwr, L., & Aplikasi Peminjaman Kendaraan Operasional Kantor Menggunakan BlackBox Testing, P. (2021). INFORMATION MANAGEMENT FOR EDUCATORS AND PROFESSIONALS Pengujian Aplikasi Peminjaman Kendaraan Operasional Kantor Menggunakan BlackBox Testing. *Information Management for Educators and Professionals*, 5(2), 97–110.

Sommerville, I. (2016). *Software engineering*.

Steinke, G. H., Al-Deen, S., & Labrie, R. C. (2018). *Innovating Information System Development Methodologies with Design Thinking*.

Suman, R., & Sahibuddin, S. (2019). User acceptance testing in mobile health applications: An overview and the Challenges. *ACM International Conference Proceeding Series, Part F148384*, 145–149. <https://doi.org/10.1145/3322645.3322670>

Supandi, F., Desta, W., Ambar, Y., Dan, S., & Sudir, M. (2018). *Prosiding Seminar Dinamika Informatika*.

Suryani Sollu, T., Bachtiar, M., Amir, A., & Bontong, B. (2018). Sistem Monitoring Detak Jantung dan Suhu Tubuh Menggunakan Arduino Monitoring System Heartbeat and Body Temperature Using Arduino. *Agustus*, 17(3), 323–332.

Susanto, F., Komang Prasiani, N., & Darmawan, P. (2022). IMPLEMENTASI INTERNET OF THINGS DALAM KEHIDUPAN SEHARI-HARI. In *Jurnal IMAGINE* (Vol. 2, Issue 1). Online. <https://jurnal.std-bali.ac.id/index.php/imagine>

Syaikhuddin, M. M., Anam, C., Rinaldi, A. R., & Conoras, M. E. B. (2018). Conventional Software Testing Using White Box Method. *Kinetik: Game Technology, Information System, Computer Network, Computing, Electronics, and Control*, 65–72. <https://doi.org/10.22219/kinetik.v3i1.231>

- Syakti, F., & Yani No, J. A. (2019). METODE PENGEMBANGAN PERANGKAT LUNAK BERBASIS MOBILE: A REVIEW. In *Jurnal Bina Komputer JBK* (Vol. 1, Issue 2).
- Ubaform, A. S., & Iswari, L. (2021). *Penerapan React JS Pada Pengembangan FrontEnd*.
- Umiga, M. (2022). Perancangan User Interface (UI) dan User Experience (UX) Aplikasi e-Learning Studi Kasus SMK N Jenawi dengan Pendekatan User Centered Design. *Jurnal Cakrawala Informasi*, 2(2), 56–62. <https://doi.org/10.54066/jci.v2i2.242>
- Upadhyay, N., Singh, M., Shrivastava, M., & Mishra, A. (2021). *Oils* (Vol. 8, Issue 5).
- Wahid, A. A. (2020). *Analisis Metode Waterfall Untuk Pengembangan Sistem Informasi*. <https://www.researchgate.net/publication/346397070>
- Wahyuni, S., & Cahyani, N. (2020). *Penerapan Model Spiral Dalam Pengembangan Sistem Informasi Penjadwalan Produksi Berbasis Website (Studi Kasus: PT. Dinar Makmur Cikarang)* (Vol. 2, Issue 1). <http://index.unper.ac.id>
- Wan, J., A. A. H. Al-awlaqi, M., Li, M. S., O'Grady, M., Gu, X., Wang, J., & Cao, N. (2018). Wearable IoT enabled real-time health monitoring system. *Eurasip Journal on Wireless Communications and Networking*, 2018(1). <https://doi.org/10.1186/s13638-018-1308-x>
- Wira, D., Putra, T., & Andriani, R. (2019). *Unified Modelling Language (UML) dalam Perancangan Sistem Informasi Permohonan Pembayaran Restitusi SPPD*. 7(1).