

DAFTAR PUSTAKA

- AbouZahr C and Commar A. (2008). *Neglected Health Systems Research: Health Information Systems. Alliance for Health Policy and Systems Research: World Health Organization.*
- Aferi, M. F., Rohayati, M. Y. T., Ully, Y., & Nafizah, S. T. (2018). Perancangan Peningkatan Kualitas Layanan Website Indonesia Juara Menggunakan Metode Quality Function Deployment (Qfd) Design Of Quality Improvement Services Of Indonesia Juara Website Using Quality Function Deployment (Qfd) Method. *E-Proceeding Of Engineering : Vol.5.*
- Aini, K., Saputro Wibowo, T., & Program Studi Ners Stikes Widya Husada Semarang, D. (2018). Hubungan Dukungan Keluarga Dan Peran Perawat Dengan Harga Diri Pada Pasien Gagal Ginjal Kronis Di Ruang Hemodialisa Rsud Kabupaten Batang. *Jurnal Ners Widya Husada.*
- Al-Bana, N. P. (2021). *Analisis Dan Perbaikan Website Konsultan Perencana Dengan Pendekatan Remote Usability Testing Dan User Experience.*
- Ali Akram, M., Iqbal Mahmud, M., Riad Bin Ashraf, S., Awal, S., & Talapatra, S. (2018). Enhancing The Healthcare Service Using Quality Function Deployment And Database Management System in the Outpatient Department of a Government Hospital of Bangladesh. *International Research Journal of Engineering and Technology.* www.irjet.net
- Alkawaldeh, M. Y., Jacelon, C. S., & Choi, J. (2020). Usability testing of a tablet-based self-management application for older adults with T2DM: The ASSISTwell application. *Gerontechnology*, 20(1), 1–13. <https://doi.org/10.4017/GT.2020.20.1.399.08>
- Ammirati, A. L. (2020). Chronic kidney disease. Dalam *Revista da Associacao Medica Brasileira* (Vol. 66, hlm. 3–9). Associacao Medica Brasileira. <https://doi.org/10.1590/1806-9282.66.S1.3>

- Andriani, D. P., Hamdala, I., Swara, S. E., & Fadli, H. (2019). Perancangan Business Digital Platform dalam Mendukung Keberlanjutan IKM dengan Pendekatan Quality Function Deployment. *Jurnal Ilmiah Teknik Industri*, 18(1), 42–54. <https://doi.org/10.23917/jiti.v18i1.7027>
- Apuke, O. D. (2017). Quantitative Research Methods : A Synopsis Approach. *Kuwait Chapter Of Arabian Journal Of Business And Management Review*, 6(11), 40–47. <https://doi.org/10.12816/0040336>
- Ariani, S. P., & Firdaus, S. (2020). *Intervensi Edukasi Kesehatan Pada Pasien Gagal Ginjal Kronik Yang Menjalani Hemodialisis* (Vol. 1, Nomor 5).
- Arif, Sukuryadi, & Fatimaturrahmi. (2017). Pengaruh Ketersediaan Sumber Belajar Di Perpustakaan Sekolah Terhadap Motivasi Belajar Siswa Pada Mata Pelajaran Ips Terpadu Smp Negeri 1 Praya Barat. *Jisip Vol. 1 No. 2*.
- Barutçu, S. (2019a). Mhealth Apps Design Using Quality Function Deployment. *International Journal Of Health Care Quality Assurance*, 32(4), 698–708. <https://doi.org/10.1108/IJHCQA-08-2018-0195>
- Barutçu, S. (2019b). Mhealth Apps Design Using Quality Function Deployment. *International Journal Of Health Care Quality Assurance*, 32(4), 698–708. <https://doi.org/10.1108/IJHCQA-08-2018-0195>
- Berni, A., & Borgianni, Y. (2021). From The Definition Of User Experience To A Framework To Classify Its Applications In Design. *Proceedings Of The Design Society*, 1, 1627–1636. <https://doi.org/10.1017/Pds.2021.424>
- Bitkina, O. V., Kim, H. K., & Park, J. (2020). Usability And User Experience Of Medical Devices: An Overview Of The Current State, Analysis Methodologies, And Future Challenges. Dalam *International Journal Of Industrial Ergonomics* (Vol. 76). Elsevier B.V. <https://doi.org/10.1016/J.Ergon.2020.102932>
- Brooke, J. (1986). *Sus: A Quick And Dirty Usability Scale Fault Diagnosis Training View Project System Usability Scale View Project*. <https://www.researchgate.net/publication/228593520>

- Calabretta, G., & Gemser, G. (2016). *Integrating Design Into The Fuzzy Front End Of The Innovation Process*.
- Carolyn Boyce, B. (2006). *Conducting In-Depth Interviews: A Guide For Designing And Conducting In-Depth Interviews For Evaluation Input*.
- Choi, W., & Tulu, B. (2017). Effective Use Of User Interface And User Experience In An Mhealth Application. *Proceedings Of The Annual Hawaii International Conference On System Sciences*, 2017-January, 3803–3812. <https://doi.org/10.24251/Hicss.2017.460>
- Darmawan, I., Saiful Anwar, M., Rahmatulloh, A., & Sulastri, H. (2022a). Design Thinking Approach for User Interface Design and User Experience on Campus Academic Information Systems. *INTERNATIONAL JOURNAL ON INFORMATICS VISUALIZATION*. www.joiv.org/index.php/joiv
- Dhinakaran, M., Phasinam, K., Alanya-Beltran, J., Srivastava, K., Babu, D. V., & Singh, S. K. (2022). A System of Remote Patients' Monitoring and Alerting Using the Machine Learning Technique. *Journal of Food Quality*, 2022. <https://doi.org/10.1155/2022/6274092>
- Ernawati, C., Akademi, R., Sumber, K., & Jakarta, W. (2019). Pengaruh Kepatuhan Diet Pada Pasien Gagal Ginjal Kronis di Unit Hemodialisa Rumah Sakit Sumber Waras. *Jurnal Ilmiah Kesehatan*, 11(1). <http://journal.thamrin.ac.id/index.php/JIK/article/view/55>
- Fadilla, N. M., & Setyonugroho, W. (2021). Sistem Informasi Manajemen Rumah Sakit Dalam Meningkatkan Efisiensi: Mini Literature Review. *Jurnal Teknik Informatika dan Sistem Informasi*.
- Fadli Munandar, T., & Rizky Mutiaz, I. (2021). Mobile Application Design to Develop a Healthy Lifestyle with Balanced Nutrition for Young Adults. *ICON ARCADE 2021: The 2nd International Conference on Art, Craft, Culture and Design (ICON-ARCADE 2021)*.

- Fang, M., Yang, W., Li, H., & Pan, Y. (2023). Enhancing User Experience through Optimization Design Method for Elderly Medication Reminder Mobile Applications: A QFD-Based Research Approach. *Electronics*, 12(13), 2860. <https://doi.org/10.3390/Electronics12132860>
- Firmansyah, R. (2018). Usability Testing Dengan Use Questionnaire Pada Aplikasi Sipolin Provinsi Jawa Barat. *Jurnal Swabumi*, 6(1).
- Giacomin, J. (2015). *What Is Human Centred Design?*
- Guion, L. A., Diehl, D. C., & McDonald, D. (2015). *Conducting an In-depth Interview*. www.aidsmark.org/ipc_en/pdf/manual/14_Research-Interview.pdf
- Hamzah, A. (2019). *Metode Penelitian Kualitatif Rekonstruksi Pemikiran Dasar serta Contoh Pada Ilmu Pendidikan, Sosial & Humaniora*. Literasi Nusantara.
- Hasso Plattner. (2010). An Introduction to Design Thinking PROCESS GUIDE. Dalam *Institute of Design at Stanford*.
- Hauser, J. R., and Clausing, D (1998) *The house of quality*. *Harvard Business Review*, 66(3), 63-73., *Harvard Business Review*. Available at: <https://hbr.org/1988/05/the-house-of-quality>.
- Henriksen, D., Richardson, C., & Mehta, R. (2017). Design thinking: A creative approach to educational problems of practice. *Thinking Skills and Creativity*, 26, 140–153. <https://doi.org/10.1016/j.tsc.2017.10.001>
- Heryana, A. (2018). *Informan dan Pemilihan Informan dalam Penelitian Kualitatif*. <https://www.researchgate.net/publication/329351816>
- Iqbal, B. M., Muslim, E., Shabrina, G., & Maharani, A. P. (2017). An Integration Of Servqual Method And Quality Function Deployment (Qfd) Method For Service Quality Improvement Design Of Inpatient Insatation Of Rsu Buol. *International Conference Adri-5 "Scientific Publications Toward Global Competitive Higher Education*.
- Jarrett, J. E., Pan, X., Yang, Y., Huang, Y., Huang, L., & Li, F. (2019). Combining SERVQUAL and QFD to Evaluate and Improve Airline Service Quality.

- International Journal of Business and Management*, 14(5), 154.
<https://doi.org/10.5539/ijbm.v14n5p154>
- Jebraeily, M., Safdari, R., Rahimi, B., Makhdoomi, K., & Ghazisaeedi, M. (2019). Development of a web-based information system for monitoring of hemodialysis adequacy. *Journal of Nephropharmacology*, 8(2), 19–19.
<https://doi.org/10.15171/npj.2019.19>
- Kalimullah, K., & Sushmitha, D. (2017). Influence of Design Elements in Mobile Applications on User Experience of Elderly People. *Procedia Computer Science*, 113, 352–359. <https://doi.org/10.1016/j.procs.2017.08.344>
- Kalyani, C. V., & Rohilla, K. K. (2022). Impact of Chronic Kidney Disease on Functionality Level among Patients Child with multiple organ dysfunction. View project. *Journal of Surgical Specialties and Rural Practic.*
https://doi.org/10.4103/jssrp.jssrp_10_22
- Kementerian PPN/Bappenas. (2020). Pedoman Teknis Penyusunan Rencana Aksi Tujuan Pembangunan Berkelanjutan (Tpb)/ Sustainable Development Goals (Sdgs).
- Kolnick, H. A., Miller, J., Dupree, O., & Gualtieri, L. (2021). Design Thinking to Create a Remote Patient Monitoring Platform for Older Adults' Homes. *Online Journal of Public Health Informatics*, 13(1).
<https://doi.org/10.5210/ojphi.v13i1.11582>
- Li, Y., Ghazilla, R. A. R., & Abdul-Rashid, S. H. (2022). QFD-Based Research on Sustainable User Experience Optimization Design of Smart Home Products for the Elderly: A Case Study of Smart Refrigerators. *International Journal of Environmental Research and Public Health*, 19(21), 13742.
<https://doi.org/10.3390/Ijerph192113742>
- Lolowang, N. L., Lumi, W. M. E., & Rattoe, A. A. (2021). Kualitas Hidup Pasien Gagal Ginjal Kronis Dengan Terapi Hemodialisa. *Jurnal Ilmiah Perawat Manado (Juiperdo)*, 8(02), 21–32. <https://doi.org/10.47718/Jpd.V8i01.1183>

- Liedtka, J And Ogilvie, T. (2011) *Designing For Growth: A Design Thinking Toolkit For Managers*. Columbia University Press.
- Malhotra, G. (2017). Strategies In Research. *International Journal Of Advance Research And Development*. Wwww.Ijarnd.Com
- Manalu, N. V. (2020). Dukungan Keluarga Terhadap Kualitas Hidup Pasien Gagal Ginjal Kronik Yang Menjalani Terapi Di Rs Advent Bandar Lampung. *Jurnal Health Sains*.
- Maulidati, L. F., & Maharani, C. (2022). Evaluasi Program Pengelolaan Penyakit Kronis (Prolanis) Pada Masa Pandemi Covid-19 Di Puskesmas Temanggung. *Jurnal Kesehatan Masyarakat (Undip)*, 10(2), 233–243. <https://doi.org/10.14710/Jkm.V10i2.32800>
- Md Hashim, A., Syed Aris, S. R., & Chan, Y. F. (2019). Promoting Empathy Using Design Thinking in Project-Based Learning and as a Classroom Culture. *Asian Journal of University Education*, 15(3), 14. <https://doi.org/10.24191/ajue.v15i3.7817>
- Mohajan, H., & Mohajan, H. K. (2018). Munich Personal RePEc Archive Qualitative Research Methodology in Social Sciences and Related Subjects Qualitative Research Methodology in Social Sciences and Related Subjects. Dalam *Journal of Economic Development, Environment and People* (Vol. 7).
- Morton, S., Pencheon, D., & Squires, N. (2017). Sustainable Development Goals (SDGs), and their implementation. Dalam *British Medical Bulletin* (Vol. 124, Nomor 1, Hlm. 81–90). Oxford University Press. <https://doi.org/10.1093/Bmb/Ldx031>
- Mothukuri, C., & Prathap Kumar M, K. C. (2013). Patient Monitoring System. Dalam *International Journal Of Science And Research* (Vol. 2, Nomor 2). Wwww.Ijsr.Net
- Müller-Roterberg, C. (2018). *Handbook Of Design Thinking*. <https://www.researchgate.net/publication/329310644>

- Nafis, N., Div, S. P., Surabaya, K., Keperawatan, J., Kesehatan, P., & Surabaya, K. (2019). Kualitas Hidup Klien Lanjut Usia Penderita Gagal Ginjal Kronik Yang Menjalani Terapi Hemodialisa Di Rsu Haji Surabaya Tahun 2018.
- Ni, Z., Jin, H., Jiang, G., Wang, N., Peng, A., Guo, Z., Bai, S., Zhou, R., Lu, J., Wang, Y., Li, Y., Zhuang, S., Yu, C., Deng, Y., Jin, H., Xu, X., Zhang, J., Zhao, J., Yu, X., ... Yu, Q. (2019). A Telemedicine-Based Registration System For The Management Of Renal Anemia In Patients On Maintenance Hemodialysis: Multicenter Study. *Journal Of Medical Internet Research*, 21(5). <https://doi.org/10.2196/13168>
- Pandia, M. I., Djanggu, N. H., & Rahmawati, R. (2021). Redesain User Interface Icon Pada Game Pubg Mobile Dengan Mengamati Aspek Usabilitas Menggunakan Metode Quality Function Deployment Dan User Centered Design. *Jurnal Tin Universitas Tanjungpura*.
- Petersen, M., & Hempler, N. F. (2017). Development And Testing Of A Mobile Application To Support Diabetes Self-Management For People With Newly Diagnosed Type 2 Diabetes: A Design Thinking Case Study. *BMC Medical Informatics And Decision Making*, 17(1). <https://doi.org/10.1186/s12911-017-0493-6>
- Redjeki, D. S. S. (2020). Memaknai Pentingnya Perawatan Kesehatan Masyarakat Dalam Meningkatkan Kualitas Hidup. *Dinamika Kesehatan Jurnal Kebidanan dan Keperawatan*.
- Riana, D., Hidayanto, A. N., Hadiani, S., & Napitupulu, D. (2021). Integrative factors of e-health laboratory adoption: A case of Indonesia. *Future Internet*, 13(2), 1–27. <https://doi.org/10.3390/fi13020026>
- Roller, M. R. (2020). *The In-depth Interview Method | 12 articles on design & Implementation*.
- Rosiana. (2019). Peningkatan Pengetahuan Masyarakat tentang Kesehatan Ginjal. *Jurnal Medika Mengabdi*.

- Ross, E. A., Paugh-Miller, J. L., & Nappo, R. W. (2018). Interventions to improve hemodialysis adequacy: Protocols based on real-time monitoring of dialysate solute clearance. *Clinical Kidney Journal*, 11(3), 394–399. <https://doi.org/10.1093/ckj/sfx110>
- Sánchez-Morillo, D., Crespo, M., León, A., & Crespo Foix, L. F. (2015). A novel multimodal tool for telemonitoring patients with COPD. *Informatics for Health and Social Care*, 40(1), 1–22. <https://doi.org/10.3109/17538157.2013.872114>
- Santos, P. R., & Arcanjo, F. P. N. (2012). Distance between residence and the dialysis unit does not impact self-perceived outcomes in hemodialysis patients. *BMC Research Notes*, 5. <https://doi.org/10.1186/1756-0500-5-458>
- Setiyani, L., & Tjandra, E. (2022). UI / UX Design Model for Student Complaint Handling Application Using Design Thinking Method (Case Study: STMIK Rosma Karawang). *International Journal of Science*. <http://ijstm.inarah.co.id>
- Sharma, V., & Tiwari, A. K. (2021). A Study on User Interface and User Experience Designs and its Tools. *World Journal of Research and Review (WJRR)*. <https://www.iso.org/obp/ui/#iso:std:iso:9241:-11:ed-1:v1:en>.
- Shih, H.-S., & Chen, S.-H. (2013). A Conceptual Design of a Mobile Healthcare Device-An Application of Three-stage QFD with ANP and TRIZ. *International Journal of Operations Research*, 10(2), 80–91.
- Singh, S., Sharma, R., Kumari, M., & Tiwari, S. (2019). Insulin receptors in the kidneys in health and disease. *World Journal of Nephrology*, 8(1), 1–12. <https://doi.org/10.5527/Wjn.V8.I1.1>
- Siricharoen, W. V. (2020). Context-Aware Systems And Applications, And Nature Of Computation And Communication : Using Empathy Mapping In Design Thinking Process For Personas Discovering. *9th Eai International Conference, Iccasa 2020 And 6th Eai International Conference, Ictcc 2020*. <http://www.springer.com/series/8197>

- Soegaard, M. (2018). The Basics Of User Experience Design By The Interaction Design Foundation. *Interaction Design Foundation*.
- Srinivasan, C. R., Charan, G., & Babu, P. C. S. (2020a). An Iot Based Smart Patient Health Monitoring System. *Indonesian Journal Of Electrical Engineering And Computer Science*, 18(3), 1657–1664. <https://doi.org/10.11591/ijeecs.V18.I3.Pp1657-1664>
- Srinivasan, C. R., Charan, G., & Babu, P. C. S. (2020b). An Iot Based Smart Patient Health Monitoring System. *Indonesian Journal Of Electrical Engineering And Computer Science*, 18(3), 1657–1664. <https://doi.org/10.11591/ijeecs.V18.I3.Pp1657-1664>
- Stevenson, J., Tong, A., Campbell, K. L., Craig, J. C., & Lee, V. W. (2018). Perspectives Of Healthcare Providers On The Nutritional Management Of Patients On Haemodialysis In Australia: An Interview Study. *Bmj Open*, 8(3). <https://doi.org/10.1136/Bmjopen-2017-020023>
- Sugiyono. (2019a). *Metode Penelitian Kuantitatif Kualitatif Dan R&D*.
- Sugiyono. (2019b). *Metode Penelitian Kuantitatif, Kualitatif, dan R&D*.
- Suh, E.-K. (2021). A Study on Citizen Participation System based on Design Thinking, Design Science-Smart City case. *Journal of Economics Marketing, and Management*, 9, 11–20. <https://doi.org/10.20482/jemm.2021.9.2.11>
- Sunardi, L., Anto, A., & Susilo, T. (2019). Sistem Informasi Dan Verifikasi Pengolahan Data Guru Sertifikasi Pada Dinas Pendidikan Kabupaten Musirawas (Vol. 10, Nomor 03).
- Sunariyanti, E., Nur, R., Haris, H., Lestari, T., Aini, N. ', & Megawati, S. (2020). The Review Of Patients' Quality Of Life With Chronic Kidney Failure. *Advances In Health Sciences Research*, Volume 33.

- Van Der Linden, J., Amadiou, F., Vayre, E., & Van De Leemput, C. (2019). User Experience And Social Influence: A New Perspective For Ux Theory. Lecture Notes In Computer Science (Including Subseries Lecture Notes In Artificial Intelligence And Lecture Notes In Bioinformatics), 11583 LnCS, 98–112. https://doi.org/10.1007/978-3-030-23570-3_9
- Wang, X., & Cheng, Z. (2020). Cross-Sectional Studies: Strengths, Weaknesses, And Recommendations. *Chest*, 158(1), S65–S71. <https://doi.org/10.1016/j.chest.2020.03.012>
- Witarsyah, D., Soesanto, R. P., Mufti Kamil, M., & Renadri, R. A. (2020). Teknologi Dan Komunikasi Dalam Pratik Kedokteran. 7(1), 38–49.
- Woods, L., Cummings, E., Duff, J., & Walker, K. (2017). Design Thinking For Mhealth Application Co-Design To Support Heart Failure Self-Management. *Studies In Health Technology And Informatics*, 241-A, 97–102. <https://doi.org/10.3233/978-1-61499-794-8-97>
- Wulan, S. N., & Ika Emaliyawati, E. (2018). Kepatuhan Pembatasan Cairan dan Diet Rendah Garam (Natrium) pada Pasien Gagal Ginjal yang Menjalani Hemodialisa; Perspektif Health Belief Model. *Faletehan Health Journal*, 5(3), 99–106.
- Zohrabi, M. (2013). Mixed method research: Instruments, validity, reliability and reporting findings. *Theory and Practice in Language Studies*, 3(2), 254–262. <https://doi.org/10.4304/tpls.3.2.254-262>