

DAFTAR PUSTAKA

- Al-marghilani, A. (2021) 'Drug-Drug Interaction Prediction Using Krill Herd Algorithm Based on Deep Learning Method', 21(6).
- Alamdar, R., Mathews, A. and Kaur, S. (2021) 'A Perception on Integrated Medicine Management System by Healthcare Professionals', in *2021 7th International Conference on Research and Innovation in Information Systems (ICRIIS)*, pp. 1–6. doi: 10.1109/ICRIIS53035.2021.9617107.
- Algaze, C. A. *et al.* (2016) 'Use of a Checklist and Clinical Decision Support Tool Reduces Laboratory Use and Improves Cost.', *Pediatrics*, 137(1). doi: 10.1542/peds.2014-3019.
- Bagri, H., Dahri, K. and Legal, M. (2019) 'Hospital pharmacists' perceptions and decision-making related to drug-drug interactions', *Canadian Journal of Hospital Pharmacy*, 72(4), pp. 288–294. doi: 10.4212/cjhp.v72i4.2915.
- Baysari, M. T. *et al.* (2018) 'Reliability, ease of use and usefulness of I-MeDeSA for evaluating drug-drug interaction alerts in an Australian context', *BMC Medical Informatics and Decision Making*, 18(1), pp. 1–5. doi: 10.1186/s12911-018-0666-y.
- Berger, F. A., Sijs, H. Van Der and Gelder, T. Van (2021) 'The use of a clinical decision support tool to assess the risk of QT drug – drug interactions in community pharmacies', pp. 1–14. doi: 10.1177/2042098621996098.
- Berner, E. S. (2007) *Clinical Decision Support Systems - Theory and Practice*. Second. New York: Springer-Verlag New York. doi: 10.1007/978-0-387-38319-4.
- Böttiger, Y. *et al.* (2010) 'SFINX-a drug-drug interaction database designed for clinical decision support systems To cite this version: HAL Id: hal-00534940 PHARMACOEPIDEMIOLOGY AND PRESCRIPTION SFINX — a drug-drug interaction database designed for clinical decision support system'. doi: 10.1007/s00228-008-0612-5.
- Bradbury, H. (2015) 'The SAGE Handbook of Action Research'. 55 City Road, London. doi: 10.4135/9781473921290.
- Brooke, J. and Sauro, J. (2020) *System Usability Scale (SUS)*.
- Bunawan and Suryadi (2006) *Pengantar Perancangan Sistem Informasi*. Jakarta: Gunadarma.
- Calloway, S., Akilo, H. and Bierman, K. (2013) 'Impact of a clinical decision support system on pharmacy clinical interventions, documentation efforts, and costs', *Hospital Pharmacy*, 48(9), pp. 744–752. doi: 10.1310/hpj4809-744.
- Chandra, T. (2013) 'Evaluasi User Interface Desain Sistem Informasi Perpustakaan Pada Perguruan Husni Thamrin Medan', II(2), pp. 1–6.

Chou, E. *et al.* (2021) 'Designing and evaluating contextualized drug-drug interaction algorithms', *JAMIA Open*, 4(1), pp. 1–10. doi: 10.1093/jamiaopen/ooab023.

Coghlan, D. (2005) *Doing Action Research In Your Own Organization*, Sage Publication. London: Thousand Oaks.

Corrigan, J. (2015) *To Err Is Human*.

Daniels, C. C. *et al.* (2019) 'Optimizing drug-drug interaction alerts using a multidimensional approach', *Pediatrics*, 143(3). doi: 10.1542/peds.2017-4111.

Deb, S. *et al.* (2021) 'ADME and Pharmacokinetic Properties of Remdesivir: Its Drug Interaction Potential', *Pharmaceuticals*. doi: 10.3390/ph14070655.

Dopp, A. R. *et al.* (2019) 'A glossary of user-centered design strategies for implementation experts', *Translational Behavioral Medicine*, 9(6), pp. 1057–1064. doi: 10.1093/tbm/iby119.

Ekspress, M. (2021) *RS Budi Rahayu mulai terima pasien Covid-19*. Magelang. Available at: <https://magelangekspres.com/rs-budi-rahayu-mulai-terima-pasien-covid-19/> (Accessed: 1 April 2022).

Farmalkes Kementerian Kesehatan (2020) *Formularium Nasional Kendalikan Mutu dan Biaya Pengobatan*.

Fung, K. W. *et al.* (2017) 'Comparison of three commercial knowledge bases for detection of drug-drug interactions in clinical decision support', *Journal of the American Medical Informatics Association*, 24(4), pp. 806–812. doi: 10.1093/jamia/ocx010.

Gitawati, R. (2018) 'Interaksi Obat dan Beberapa Implikasinya', *Media Litbang Kesehatan*, XVIII.

Hammar, T. *et al.* (2021) 'Current Knowledge about Providing Drug–Drug Interaction Services for Patients—A Scoping Review', *Pharmacy*, 9(2), p. 69. doi: 10.3390/pharmacy9020069.

Harst, L., Lantzsch, H. and Scheibe, M. (2019) 'Theories predicting end-user acceptance of telemedicine use: Systematic review', *Journal of Medical Internet Research*, 21(5). doi: 10.2196/13117.

Heringa, M. *et al.* (2018) 'Better specification of triggers to reduce the number of drug interaction alerts in primary care', *International Journal of Medical Informatics*, 109, pp. 96–102. doi: <https://doi.org/10.1016/j.ijmedinf.2017.11.005>.

Horn, J. and Ueng, S. (2019) 'The Effect of Patient-Specific Drug-Drug Interaction Alerting on the Frequency of Alerts: A Pilot Study', *Annals of Pharmacotherapy*, 53(11), pp. 1087–1092. doi: 10.1177/1060028019863419.

Humphrey, K. E. *et al.* (2020) 'Clinician Perceptions of Timing and Presentation of Drug-Drug Interaction Alerts', *Applied Clinical Informatics*, 11(3), pp. 487–496. doi: 10.1055/s-0040-1714276.

Id, W. N. I. *et al.* (2021) 'Prevalence of adverse drug reactions in the primary care setting : A systematic review and', pp. 1–24. doi: 10.1371/journal.pone.0252161.

Institute of Medicine (2007) *Preventing Medication Errors*. Edited by P. Aspden *et al.* Washington, DC: The National Academies Press. doi: 10.17226/11623.

Kadir, A. (2009) *Relasi Database*. Yogyakarta: Andi Press.

Karen L. McGraw, K. H. (2020) *User-Centered Requirements: The Scenario-Based Engineering Process*. Boca Raton: CRC Press. doi: <https://doi.org/10.1201/9781003064138>.

Kebijakan Kesehatan Indonesia (2019) *Kemenkes Susun Formularium Nasional Penyediaan Obat*.

Kementerian Kesehatan RI (2013) 'Permenkes No.82 Tahun 2013 tentang Sistem Informasi Manajemen Rumah Sakit'.

Kementerian Kesehatan RI (2018) 'Peraturan Menteri Kesehatan No.54 tahun 2018 tentang Penyusunan dan Penerapan Formularium Nasional dalam Penyelenggaraan Program Jaminan Kesehatan'.

Kementerian Kesehatan RI (2020) 'KMK No. HK.01.07/MENKES/350/2020 ttg Formularium Nasional'.

Kock, N. F. (2007) *Information systems action research : an applied view of emerging concepts and methods*. New York, N.Y.: Springer.

Kompas (2021) *RSUD Budi Rahayu Magelang kini terima pasien BPJS*. Available at: <https://regional.kompas.com/read/2021/09/29/173040378/rsud-budi-rahayu-kota-magelang-kini-terima-pasien-bpjs?page=all>. (Accessed: 1 April 2022).

Lewis, J. R. (2018) 'The System Usability Scale: Past, Present, and Future', *International Journal of Human–Computer Interaction*, 34(7), pp. 577–590. doi: 10.1080/10447318.2018.1455307.

Luna, D. R. *et al.* (2017) 'User-centered design improves the usability of drug-drug interaction alerts: Experimental comparison of interfaces', *Journal of Biomedical Informatics*, 66, pp. 204–213. doi: 10.1016/j.jbi.2017.01.009.

M. Eltajoury, W. *et al.* (2021) 'Physicians' Attitudes towards Electronic Prescribing Software: Perceived Benefits and Barriers', in *International Conference on Data Science, E-Learning and Information Systems 2021*. New York, NY, USA: Association for Computing Machinery (DATA'21), pp. 47–53. doi: 10.1145/3460620.3460629.

M.G., P. *et al.* (2012) ‘Development and evaluation of a computerised clinical decision support system for switching drugs at the interface between primary and tertiary care.’, *BMC medical informatics and decision making*, 12, p. 137. Available at:

<http://www.embase.com/search/results?subaction=viewrecord&from=export&id=L366377857%5Cnhttp://findit.library.jhu.edu/resolve?sid=EMBASE&issn=14726947&id=doi:&atitle=Development+and+evaluation+of+a+computerised+clinical+decision+support+system+for+switchin.>

Malone, D. C. *et al.* (2004) ‘Identification of Serious Drug–Drug Interactions: Results of the Partnership to Prevent Drug–Drug Interactions’, *Journal of the American Pharmacists Association*, 44(2), pp. 142–151. doi: <https://doi.org/10.1331/154434504773062591>.

Mauladi and Suratno, T. (2016) ‘Analisis penentu antarmuka terbaik berdasarkan eye tracking pada sistem informasi akademik universitas jambi’, 18.

Mcdonald, H. *et al.* (2005) ‘Effects of Computerized Clinical Decision Support Systems on Practitioner Performance and Patient Outcomes : A Systematic Review Effects of Computerized Clinical Decision Support Systems on Practitioner Performance and Patient Outcomes: A Systematic Revi’, (May 2014). doi: 10.1001/jama.293.10.1223.

McMullin, S. T. *et al.* (2004) ‘Impact of an evidence-based computerized decision support system on primary care prescription costs’, *Annals of Family Medicine*, 2(5), pp. 494–498. doi: 10.1370/afm.233.

Meah, K., Hake, D. and Wilkerson, S. D. (2020) ‘A Multidisciplinary Capstone Design Project to Satisfy ABET Student Outcomes’, *Education Research International*. Edited by P. S. Szalay, 2020, p. 9563782. doi: 10.1155/2020/9563782.

Meslin, S. M. M. *et al.* (2018) ‘Evaluation of Clinical Relevance of Drug-Drug Interaction Alerts Prior to Implementation’, *Applied Clinical Informatics*, 9(4), pp. 849–855. doi: 10.1055/s-0038-1676039.

Metsallik, J. (2018) ‘ESTONIAN FAMILY PHYSICIANS USAGE AND SATISFACTION WITH DRUG-DRUG’.

Musen, M. A., Middleton, B. and Greenes, R. A. (2014) ‘Clinical Decision-Support Systems BT - Biomedical Informatics: Computer Applications in Health Care and Biomedicine’, in Shortliffe, E. H. and Cimino, J. J. (eds). London: Springer London, pp. 643–674. doi: 10.1007/978-1-4471-4474-8_22.

Noguchi, Y. *et al.* (2018) ‘A new search method using association rule mining for drug-drug interaction based on spontaneous report system’, *Frontiers in Pharmacology*, 9(MAR), pp. 1–9. doi: 10.3389/fphar.2018.00197.

Nyström, T. and Mustaquim, M. M. (2015) 'Finding sustainability indicators for information system assessment', *ACADEMICMINDTREK 2015 - Proceedings of the 19th International Academic Mindtrek Conference*, (September), pp. 106–113. doi: 10.1145/2818187.2818278.

Ogedebe, P. M. and Jacob, B. P. (2012) 'Software Prototyping: A Strategy to Use When User Lacks Data Processing Experience', *ARPN Journal of Systems and Software*, 2(6), pp. 219–224.

Oktarlina, R. Z. (2020) 'E-prescribing: Benefit, barrier, and adopting challenge in electronic prescribing', *Journal of Medicine (Bangladesh)*, 21(2), pp. 98–101. doi: 10.3329/jom.v21i2.50213.

Özsu, M. T. and Liu, L. (2018) 'Encyclopedia of database systems'.

Pemerintah Kota Magelang (2019) *RSUD Budi Rahayu Magelang Resmi Dibuka*. Available at: <http://www.magelangkota.go.id/home/detail/271119rudi1/rsud-budi-rahayu-magelang-resmi-dibuka-> (Accessed: 1 April 2022).

Pemerintah Provinsi Jawa Tengah (2019) *Pemerintah Provinsi Jawa Tengah siapkan RSUD Budi Rahayu jadi rujukan Covid-19*. Available at: <https://jatengprov.go.id/beritadaerah/siapkan-rsud-budi-rahayu-jadi-rujukan-covid-19/> (Accessed: 1 April 2022).

Phansalkar, S. *et al.* (2011) 'Towards meaningful medication-related clinical decision support: recommendations for an initial implementation', *Applied clinical informatics*, 2(1), pp. 50–62. doi: 10.4338/ACI-2010-04-RA-0026.

Pirmohamed, M. *et al.* (2004) 'Adverse drug reactions as cause of admission to hospital: prospective analysis of 18 820 patients', *BMJ (Clinical research ed.)*, 329(7456), pp. 15–19. doi: 10.1136/bmj.329.7456.15.

Pirnejad, H., Amiri, P., Niazkhani, Z., Shiva, A., Makhdoomi, K., Abkhiz, S., Sijs, H. Van Der, *et al.* (2019) 'Preventing potential drug-drug interactions through alerting decision support', *International Journal of Medical Informatics*, (April). doi: 10.1016/j.ijmedinf.2019.04.006.

Pirnejad, H., Amiri, P., Niazkhani, Z., Shiva, A., Makhdoomi, K., Abkhiz, S., van der Sijs, H., *et al.* (2019) 'Preventing potential drug-drug interactions through alerting decision support systems: A clinical context based methodology', *International Journal of Medical Informatics*, 127(April), pp. 18–26. doi: <https://doi.org/10.1016/j.ijmedinf.2019.04.006>.

Poleksic, A. and Xie, L. (2019) 'Database of adverse events associated with drugs and drug combinations', *Scientific Reports*, 9(1), pp. 1–9. doi: 10.1038/s41598-019-56525-5.

PPSDM Kementerian Kesehatan (2018) *Bahan Ajar Farmasi - Farmasi Klinik*.

Pressman, R. S. and Maxim, B. R. (2015) *Software engineering: a practitioner's approach*. New York: McGraw-Hill Higher Education.

- Preston, C. L. (2019) *Stockley's Drug Interactions [Ed. 12] : a source book of interactions, their mechanisms, clinical importance and management*. 12th edition / edited by Claire L Preston. London ; Chicago : Pharmaceutical Press, [2019] ©2019.
- Purnomo, D. (2017) 'Model Prototyping Pada Pengembangan Sistem Informasi', *J I M P - Jurnal Informatika Merdeka Pasuruan*, 2(2), pp. 54–61. doi: 10.37438/jimp.v2i2.67.
- Pusat Farmakovigilans/MESO Nasional BPOM (2021) *Laporan e-meso tahun 2021*.
- Pusat Farmakovigilans Nasional, M. (2018) 'Berita MESO'.
- Rahmiati, S. and Supadmi, W. (2010) 'Kajian Interaksi Obat Antihipertensi Pada Pasien Hemodialisis Di Bangsal Rawat Inap RSU PKU Muhammadiyah Yogyakarta Periode Tahun 2010'.
- Rivera, J. *et al.* (2018) 'User-Centered Design of a Mobile App for Weight and Health Management in Adolescents with Complex Health Needs: Qualitative Study', *JMIR Formative Research*, 2(1), pp. 1–15. doi: 10.2196/formative.8248.
- Russell, S. J. (Stuart J. (2010) *Artificial intelligence : a modern approach*. Third edition. Upper Saddle River, N.J. : Prentice Hall, [2010] ©2010.
- Saverno, K. R. *et al.* (2011) 'Ability of pharmacy clinical decision-support software to alert users about clinically important drug-drug interactions', *Journal of the American Medical Informatics Association*, 18(1), pp. 32–37. doi: 10.1136/jamia.2010.007609.
- Setiawan, D. and Rafianto, N. (2020) 'Pengukuran usability pada learning management system perguruan tinggi menggunakan pedoman system usability scale Usability measurement in college learning management system using the guidance system usability scale', 10(1), pp. 23–31.
- Sharfina, Z. and Santoso, H. B. (2016) 'An Indonesian adaptation of the System Usability Scale (SUS)', in *2016 International Conference on Advanced Computer Science and Information Systems (ICACISIS)*, pp. 145–148. doi: 10.1109/ICACISIS.2016.7872776.
- Shen, C. *et al.* (2021) 'Mobile apps for drug–Drug interaction checks in Chinese app stores: Systematic review and content analysis', *JMIR mHealth and uHealth*, 9(6), pp. 1–10. doi: 10.2196/26262.
- Sidik, A., Sn, S. and Ds, M. (2018) 'Penggunaan System Usability Scale (SUS) Sebagai Evaluasi Website Berita Mobile', *Technologia: Jurnal Ilmiah*, 9(2), p. 83. doi: 10.31602/tji.v9i2.1371.

Van De Sijpe, G. *et al.* (2022) ‘Overall performance of a drug–drug interaction clinical decision support system: quantitative evaluation and end-user survey’, *BMC Medical Informatics and Decision Making*, 22(1), pp. 1–11. doi: 10.1186/s12911-022-01783-z.

Slone Epidemiology Center (2006) *Patterns of medication use in the United States : Report from the Slone Survey*. Boston: Boston University.

Solopos (2019) *RSB Budi Rahayu Magelang Jadi RSUD Tipe D*. Available at: <https://www.solopos.com/rsb-budi-rahayu-magelang-jadi-rsud-tipe-d-985639> (Accessed: 1 April 2022).

Standing, C. *et al.* (2008) ‘Sustainable information systems: A knowledge perspective’, *Journal of Systems and Information Technology*, 10(3), pp. 218–231. doi: 10.1108/13287260810916925.

Suteja, B. R. and Harjoko, A. (2008) ‘I-1 User Interface Design for e-Learning System’, *Seminar Nasional Aplikasi Teknologi Informasi*, 2008(Snati), pp. 1907–5022.

Sutton, R. T. *et al.* (2020) ‘An overview of clinical decision support systems: benefits, risks, and strategies for success’, *npj Digital Medicine*, 3(1), pp. 1–10. doi: 10.1038/s41746-020-0221-y.

Tilson, H. *et al.* (2016) ‘Recommendations for selecting drug–drug interactions for clinical decision support’, *American Journal of Health-System Pharmacy*, 73(8), pp. 576–585. doi: 10.2146/ajhp150565.

US Food and Drug Administration (2018) *Preventable Adverse Drug Reactions: A Focus on Drug Interactions*, 03/06/2018.

Utarini, A. (2021) *Tak Kenal Maka Tak Sayang: Penelitian Kualitatif dalam Pelayanan Kesehatan*. Yogyakarta: Gadjah Mada University Press.

Winter, R. and Munn-Giddings, C. (2001) *A Handbook for Action Research in Health and Social Care*. New York: Taylor & Francis.