DAFTAR PUSTAKA

Adhitama, R. P., Saputro, D. R. S., & Sutanto, S. (2022). Hill Climbing Algorithm on Bayesian Network to Determine Probability Value of Symptoms and Eye Disease. *BAREKENG: Jurnal Ilmu Matematika Dan Terapan*. https://doi.org/10.30598/barekengvol16iss4pp1271-1282

Akhmad Rozak Jari, & Asnawi, M. F. (2023). Rancang Bangun Sistem Pakar Diagnosa Penyakit Pada Buah Salak Berbasis Web Menggunakan Algoritma *Backward Chaining*. *STORAGE: Jurnal Ilmiah Teknik Dan Ilmu Komputer*, *2*(1), 15–19. https://doi.org/10.55123/storage.v2i1.1719

Al-Shawwa, M., & Abu-Naser, S. S. (2019). Knowledge Based System for Apple Problems Using CLIPS. *International Journal of Academic Engineering Research*, *3*(3), 1–11. www.ijeais.org/ijaer

Amriana, A., Ardiansyah, R., Wirdayanti, W., & Masykur, M. (2022). Implementation of *Simple Additive Weighting* (SAW) in determining nutrition in toddlers. *Applied Engineering and Technology*, *2*(1), 46–51. https://doi.org/10.31763/aet.v2i1.685

Ananda, A. N. K. R. (2023). Perbandingan Metode Topsis Dan Saw Pada Sistem Pendukung Keputusan Penentuan Mustahik , (Studi Kasus : Lazismu Gresik) Jurnal Informatika Dan Rekayasa Komputer (JAKAKOM). *Jurnal Informatika Dan Rekayasa Komputer (JAKAKOM)*, *3*(September), 619–629.

Aragón-Artacho, F. J., Malitsky, Y., Tam, M. K., & Torregrosa-Belén, D. (2023). Distributed forward-backward methods for ring networks. *Computational Optimization and Applications*, *86*(3), 845–870. https://doi.org/10.1007/s10589-022-00400-z

Aranha, G. D. A., Fernandes, R. A. S., & Morales, P. H. A. (2023). Deep Transfer Learning Strategy to Diagnose Eye-Related Conditions and Diseases: An Approach Based on Low-Quality Fundus Images. *IEEE Access*, *11*(April), 37403–37411. https://doi.org/10.1109/ACCESS.2023.3263493

Ariawan, I. P. W., Divayana, D. G. H., & Giri, M. K. W. (2023). Usage tests of

the CIPP model evaluation application integrated with the SAW method to evaluate the effectiveness of the e-learning implementation. *AIP Conference Proceedings*. https://doi.org/10.1063/5.0106279

Ariyadi, D. J., Gunadi, I. G. A., & Divayana, D. G. H. (2023). Analisis Gerakan Mata Terhadap Tingkat Kecemasan Mahasiswa Dengan Metode Fuzzy Inference System. *Jurnal Teknologi Informasi Dan Terapan*, *10*(1), 13–22. https://doi.org/10.25047/jtit.v10i1.304

Asiedu, K. (2022). Role of ocular surface neurobiology in neuronal-mediated inflammation in dry eye disease. *Neuropeptides*, *95*(December 2021), 102266. https://doi.org/10.1016/j.npep.2022.102266

Bachtiar Yusuf, & Imam Husni Al-Amin. (2022). Sistem Monitoring Covid-19 (Simovid) menggunakan Metode *Simple Additive Weighting* (SAW) untuk Menentukan Pasien Prioritas. *Jurnal INSTEK (Informatika Sains Dan Teknologi)*. https://doi.org/10.24252/instek.v7i1.27252

Bitto, A. K., & Mahmud, I. (2022). Multi categorical of common eye disease detect using convolutional neural network: a transfer learning approach. *Bulletin of Electrical Engineering and Informatics*, *11*(4), 2378–2387. https://doi.org/10.11591/eei.v11i4.3834

Brewer, L. C., Fortuna, K. L., Jones, C., Walker, R., Hayes, S. N., Patten, C. A., & Cooper, L. A. (2020). Back to the future: Achieving health equity through health informatics and digital health. *JMIR MHealth and UHealth*, *8*(1), 1–16. https://doi.org/10.2196/14512

Cahya, F. N., Hardi, N., Riana, D., & Hadiyanti, S. (2021). Klasifikasi Penyakit Mata Menggunakan Convolutional Neural Network (CNN). *Sistemasi: Jurnal Sistem Informasi*, *10*(3), 618. https://doi.org/10.32520/stmsi.v10i3.1248

Chen, J. H., Dhaliwal, G., & Yang, D. (2022). Decoding Artificial Intelligence to Achieve Diagnostic Excellence: Learning from Experts, Examples, and Experience. In *JAMA*. https://doi.org/10.1001/jama.2022.13735

Ciardiello, F., & Genovese, A. (2023). A comparison between TOPSIS and SAW methods. *Annals of Operations Research*, *325*(2), 967–994.

https://doi.org/10.1007/s10479-023-05339-w

Dadunashvili, S. (2019). Medical expert system with the properties of artificial intelligence. In *IFMBE Proceedings* (Vol. 68, Issue 1). Springer Singapore. https://doi.org/10.1007/978-981-10-9035-6_57

Dheir, I., & Abu-Naser, S. S. (2019). Knowledge Based System for Diagnosing Guava Problems. *International Journal of Academic Information Systems Research (IJAISR)*, *3*(3), 9–15. https://doi.org/10.1007/978-3-642-48706-4_93

Dheir, I. M., Mettleq, A. S. A., Elsharif, A. A., Al-Qumboz, M. N. A., & Abu-Naser, S. S. (2019). Knowledge Based System for Diabetes Diagnosis Using SL5 Object. *International Journal of Academic Pedagogical Research*, *3*(4), 1–10. www.ijeais.org/ijapr

Divayana, D. G. H., Adiarta, A., Santiyadnya, N., Suyasa, P. W. A., & Andayani, M. S. L. (2024). Similarities and differences between the CIPP–SAW evaluation model and the CIPP–WP evaluation model. *AIP Conference Proceedings*, *3145*(1), 30003. https://doi.org/10.1063/5.0214090

Douglas, R. S., McCoy, A. N., & Gupta, S. (2015). Thyroid eye disease. In *Springer New York* (1st ed.). Springer New York. https://www.google.co.id/books/edition/Gangguang_dan_Kesehatan_Mata/I1AdDQAAQBAJ?hl=id&gbpv=0

Elsya Mulyani, Art, F., & Septadina, I. S. (2024). Penyebab Gangguan Penglihatan Dan Kebutaan Pada Anak. *Jurnal Kedokteran Dan Kesehatan : Publikasi Ilmiah Fakultas Kedokteran Universitas Sriwijaya*, *11*(1), 39–47. https://doi.org/10.32539/jkk.v11i1.224

Fatkhurrochman, & Muin, M. A. (2022). Analisis Metode *Simple Additive Weighting* (SAW) dalam Penilaian Kinerja Perawat Terbaik. *Prosiding Seminar Nasional ITB AAS Indonesia*, *5*(1), 157–167.

Gama, A. W. O., & Putri, D. A. P. A. G. (2020). Sistem Pakar Menggunakan Metode Pembobotan Gejala Penyakit Mata. *Jurnal Resti*, *4*(3), 601–607.

Gani, M. A., Manurung, H., & Ramadani, S. (2023). Utilization of the Certainty Factor Method to Diagnose Eye Diseases. *Jurnal Nasional Teknologi*

Komputer, *3*(4), 278–284.

Gendron, T., Boutillon, E., Nour, C. A., & Gnaedig, D. (2023). Forward Backward Syndrome Computation: A Reduced Complexity CRC Code Decoder. *IEEE Communications Letters*. https://doi.org/10.1109/LCOMM.2023.3264162

Gordon, S. (2023). *1 in 4 People With Diabetes Have This Sight-Threatening Condition, Study Finds*. Health.Com. https://www.health.com/diabetic-retinopathy-prevalence-in-us-7554045

Grosvenor, T., & Grosvenor, T. P. (2007). *Primary Care Optometry*. Butterworth-Heinemann/Elsevier. https://books.google.co.id/books?id=uEmQKPAOwccC

Hakim, R. R. Al, Rusdi, E., & Setiawan, M. A. (2020). Android Based Expert System Application for Diagnose COVID-19 Disease: Cases Study of Banyumas Regency. *Journal of Intelligent Computing and Health Informatics*, *1*(2), 26. https://doi.org/10.26714/jichi.v1i2.5958

Hayadi, H., & Ruku, K. (2016). *What is Expert System* (1st ed.). Deepublish (Grup Penerbitan CV Budi Utama). https://www.google.co.id/books/edition/What_is_Expert_System/X8yHDwAAQBAJ?hl=id&gbpv=1&kptab=overview

Hermawan Hasibuan, L., Arif Munaji, A., Deolika, A., Chitayae, N., & Setiawan, E. (2022). Sistem Pendukung Keputusan Pemberian Nilai Pada Asisten Pratikum Jurusan Teknik Informatika Dengan Metode *Simple Additive Weighting* (Saw) Berbasis Web 2.0. *Jifotech (Journal of Information Technology*, *2*(2).

Hoendarto, G., Iskandar, R. J., & Avio, D. (2020). Penerapan Metode *Backward Chaining* Dalam Perancangan Sistem Pakar Pendiagnosa Penyakit Jantung. *Jurnal InTekSis*, *7*(1), 62–71.

Hsu, C. C., & Lin, C. C. (2020). Framework and Conceptual Design of Rule Base for Building SWI-Prolog-Based Expert Systems to Diagnose and Treat Anxiety. *Proceedings - 2020 International Conference on Pervasive Artificial Intelligence, ICPAI 2020*, 54–57.

https://doi.org/10.1109/ICPAI51961.2020.00018

Hutagaol, F. P., Mesran, & Lubis, J. H. (2021). Penerapan Metode *Simple Additive Weighting* (SAW) dalam Pemilihan Handphone Bekas. *Bulletin of Information Technology (BIT)*, *2*(2), 63–68.

Ibrahim, A., & Surya, R. A. (2019). The Implementation of *Simple Additive Weighting* (SAW) Method in Decision Support System for the Best School Selection in Jambi. *Journal of Physics: Conference Series*, *1338*(1). https://doi.org/10.1088/1742-6596/1338/1/012054

Ihsan, M. I. R., Fitriana, L. A., Dahlia, R., & Fachrurozi, A. (2022). Sistem Pakar Diagnosa Penyakit pada Gigi Berbasis Web dengan Penalaran Forward Chaining. *Jurnal Ilmiah Elektronika Dan Komputer*, *15*(2), 403–411. https://doi.org/https://doi.org/10.51903/elkom.v15i2.921

Indrawan, G., Putra, I. P. A. S., Dewi, L. J. E., & Gunadi, I. G. A. (2023). *Application of Fuzzy Logic in Sales Inventory System: A Literature Review BT - Proceedings of Seventh International Congress on Information and Communication Technology* (X.-S. Yang, S. Sherratt, N. Dey, & A. Joshi (eds.); pp. 543–549). Springer Nature Singapore.

Indrawan, G., Setiawan, H., & Gunadi, A. (2022). Multi-class SVM Classification Comparison for Health Service Satisfaction Survey Data in Bahasa. *HighTech and Innovation Journal*, *3*(4 SE-Research Articles), 425–442. https://doi.org/10.28991/HIJ-2022-03-04-05

Isriyandi, M., & Nurfalinda. (2019). Perbandingan Metode Forward Chaining, *Backward Chaining*, Dan Certainty Factor Dalam Sistem Pakar Mendiagnosa Penyakit Kandungan Pada Ibu Hamil. *Fakultas Teknik Universitas Maritim Raja Ali Haji*, 1–11.

Jannah, R. (2016). *Gangguang dan Kesehatan Mata* (Guepedia (ed.); 1st ed.). GUEPEDIA. https://books.google.co.id/books?hl=en&lr=&id=I1AdDQAAQBAJ&oi=fnd&pg=PA3&dq=info:DwfY6FX3uAQJ:scholar.google.com&ots=zY9p8IvmL4&sig=fljsI1I3usjapHCVZth8LfMg97w&redir_esc=y#v=onepage&q&f=false

Juang, W. C., Hsu, M. H., Cai, Z. X., & Chen, C. M. (2022). Developing an AI-assisted clinical decision support system to enhance in-patient holistic health care. *PLoS ONE*, *17*(10 October), 1–16. https://doi.org/10.1371/journal.pone.0276501

Julianto, V., Lastriani, L., Aprianti, W., & Herpendi, H. (2018). Penerapan Metode *Simple Additive Weighting* (SAW) untuk Penentuan Seleksi Staf Terbaik Politeknik Negeri Tanah Laut Berbasis Web Mobile. *Jurnal Sains Dan Informatika*, *4*(2), 120–129. https://doi.org/10.34128/jsi.v4i2.145

Kabassi, K., Karydis, C., & Botonis, A. (2020). AHP, fuzzy SAW, and fuzzy WPM for the evaluation of cultural websites. *Multimodal Technologies and Interaction*, *4*(1). https://doi.org/10.3390/mti4010005

Kazemi, M., Kim, N., Bhatia, D., Xu, X., & Ramachandran, D. (2023). LAMBADA: *Backward Chaining* for Automated Reasoning in Natural Language. *ArXiv Preprint*, *2*, 6547–6568. https://doi.org/10.18653/v1/2023.acl-long.361

Kemenkes RI. (2019). Peta Jalan Penanggulangan gangguan penglihatan di Indonesia Tahun 2017-2030. In *2019*. http://www.p2ptm.kemkes.go.id/dokumen-ptm/buku-peta-jalan-penanggulangan-gangguan-penglihatan-di-indonesia-tahun-2017-2030

Leo Kumar, S. P. (2019). Knowledge-based expert system in manufacturing planning: state-of-the-art review. *International Journal of Production Research*, *57*(15–16), 4766–4790. https://doi.org/10.1080/00207543.2018.1424372

Makoni, T., Kadziyanhike, G., Mademutsa, C., Mlambo, M., & Malama, K. (2022). Community-led monitoring: a voice for key populations in Zimbabwe. *Journal of the International AIDS Society*. https://doi.org/10.1002/jia2.25925

Man, C. K., & Ruth, S. R. (2018). *Expert Systems In Developing Countries Practice And Promise* (2nd ed.). RC Press. https://www.google.co.id/books/edition/Expert_Systems_In_Developing_Countries/syeNDwAAQBAJ?hl=id&gbpv=0&kptab=overview

Mesbah, N., Tauchert, C., Olt, C. M., & Buxmann, P. (2019). Promoting trust in AI-based expert systems. *25th Americas Conference on Information Systems, AMCIS 2019*, 1–10.

Niroomand, S., Mosallaeipour, S., & Mahmoodirad, A. (2020). A Hybrid *Simple Additive Weighting* Approach for Constrained Multicriteria Facilities Location Problem of Glass Production Industries Under Uncertainty. *{IEEE} Trans. Engineering Management*, *67*(3), 846–854. https://doi.org/10.1109/TEM.2019.2891702

Nuraeni, N. (2018). Penerapan Metode *Simple Additive Weighting* (Saw) Dalam Seleksi Calon Karyawan. *Swabumi*, *6*(1), 63–71. https://doi.org/10.31294/swabumi.v6i1.3317

O'Leary, D. E. (2021). Expert Systems – History , Structure , Definitions , Characteristics , Life Cycle and Applications Daniel E . O ' Leary Marshall School of Business , University of Southern California , CA , USA. *Marshall School of Business, University of Southern California.*, *1*(2), 1–28.

Paryati, & Krit, S. (2022). Expert System for Early Detection and Diagnosis of Central Nervous Diseases in Humans with Forward Chaining and *Backward Chaining* Methods Using Interactive Multimedia. *ITM Web of Conferences*, *43*, 01016. https://doi.org/10.1051/itmconf/20224301016

Putra, K. G. H. K., Candiasa, I. M., & Indrawan, G. (2022). Analysis of the AHP-WP Method in the Decision Support System for the Assessment of Outstanding Students at ITEKES Bali. *Telematika*, *19*(1), 59. https://doi.org/10.31315/telematika.v19i1.6878

Putra Yasa, I. K., & Sule, A. (2024). Sistem Pendukung Keputusan Penentuan Prioritas Pembangunan Menggunakan Metode SAW (*Simple Additive Weighting*) Pada Desa Tatakalai. *Jurnal Ilmiah Sistem Manajemen Informatika Dan Komputerisasi Akuntansi*, *7*(1), 11–14. https://doi.org/10.55501/jisimka.v7i1.117

Ramadhan, I., & Zaky, U. (2020). Method Comparison Analysis *Simple Additive Weighting* (Saw) With Weighted Product (Wp) Method in Supporting the Decision To Accept New Employees. *International Journal of Engineering*

Technology and Natural Sciences, *2*(1), 11–17. https://doi.org/10.46923/ijets.v2i1.66

Rashad, R., Pinto, R., Li, E., Sohrab, M., & Distefano, A. G. D. (2022). Thyroid eye disease. *Life*, *12*(12), 2–17. https://doi.org/10.1016/B978-0-12-374203-2.00280-3

Rubiati, N., Kurniawan, R., & Putra, A. M. I. (2021). Sistem Pakar Diagnosa Penyakit Mata Mengunakan Metode Forward Chaining. *Lentera Dumai*, *12*(2), 57–69. http://ejournal.amikdumai.ac.id/index.php/Path/article/view/106

Saibene, A., Assale, M., & Giltri, M. (2021). Expert systems: Definitions, advantages and issues in medical field applications. In *Expert Systems with Applications*. https://doi.org/10.1016/j.eswa.2021.114900

Sandeep Ganesh, G., Kolusu, A. S., Prasad, K., Samudrala, P. K., & Nemmani, K. V. S. (2022). Advancing health care via artificial intelligence: From concept to clinic. In *European Journal of Pharmacology*. https://doi.org/10.1016/j.ejphar.2022.175320

Sanjaya, I. P. A., Gunadi, I. G. A., & Indrawan, G. (2023). Expert System Using Certainty Factor Method For Adjustment Of Learning Styles With Students. *Journal of Computer Networks, Architecture and High Performance Computing*. https://doi.org/10.47709/cnahpc.v5i1.2068

Santone, A., Cesarelli, M., Colasuonno, E., Bevilacqua, V., & Mercaldo, F. (2024). A Method for Ocular Disease Diagnosis through Visual Prediction Explainability. *Electronics (Switzerland)*, *13*(14), 1–33. https://doi.org/10.3390/electronics13142706

Sari, N. K. A. P., Candiasa, I. M., & Aryanto, K. Y. E. (2021). Sistem Pendukung Keputusan Pengembangan Ekowisata Pedesaan Menggunakan Metode Fucom-Moora Dan Fucom-Vikor. *JST (Jurnal Sains Dan Teknologi)*, *10*(2 SE-Articles), 112–126. https://doi.org/10.23887/jstundiksha.v10i2.31531

Schmetterer, L., & Gherghel, D. (2023). Editorial: Vascular involvement in eye diseases. *Frontiers in Medicine*, *10*. https://doi.org/10.3389/fmed.2023.1301145

Sezgin, E. (2023). Artificial intelligence in healthcare: Complementing, not replacing, doctors and healthcare providers. *Digital Health*, *9*, 1–5. https://doi.org/10.1177/20552076231186520

Shin, Y. E., Pfeiffer, R. M., Graubard, B. I., & Gail, M. H. (2022). Weight calibration to improve efficiency for estimating pure risks from the additive hazards model with the nested case-control design. *Biometrics*, *78*(1), 179–191. https://doi.org/10.1111/biom.13413

Sotnik, S., Deineko, Z., & Lyashenko, V. (2022). Key Directions for Development of Modern Expert Systems. *International Journal of Engineering and Information Systems (IJEAIS)*, *6*(5), 4–10. www.ijeais.org/ijeais

Stefani, R. (2022). Sistem Pakar Diagnose Penyakit pada Ikan Koi menggunakan Metode *Backward Chaining*. *Jurnal Riset Rumpun Ilmu Hewani (JURRIH)*, *1*(2), 16–30. https://doi.org/https://doi.org/10.55606/jurrih.v1i2.526

Suartini, N. K. Y., Divayana, D. G. H., & Dewi, L. J. E. (2023). Comparison Analysis of AHP-SAW, AHP-WP, AHP-TOPSIS Methods in Private Tutor Selection. *International Journal of Modern Education and Computer Science*, *15*(1), 28–45. https://doi.org/10.5815/ijmecs.2023.01.03

Subaeki, B., Lovelina, S. G., Solihin, H. H., Pitara, S., Munandar, A., & Sulaksmi, M. (2021). Expert System: Vertigo Disease Diagnosis with *Backward Chaining* Method. *2020 14th International Conference on Telecommunication Systems, Services, and Applications (TSSA*, 2–5.

Susilo, J., & Wahyuni, E. G. (2024). Comparison of SAW and TOPSIS Methods in Decision Support Systems for Contraceptive Selection. *International Journal Software Engineering and Computer Science (IJSECS)*, *4*(2), 792–807. https://doi.org/10.35870/ijsecs.v4i2.2815

Susilowati, T., Manickam, P., Devika, G., Shankar, K., Latifah, Muslihudin, M., Hashim, W., Huda, M., Korostelev, A. A., & Maseleno, A. (2019). Decision support system for determining lecturer scholarships for doctoral study using CBR (Case-based reasoning) method. *International Journal of Recent Technology and Engineering*, *8*(1), 3281–3290.

Telambanua, N. J., Nofriadi, N., & Dermawan, A. (2022). Sistem Pakar Untuk Mendeteksi Penyakit Mata Menerapkan Metode Case Based Reasoning. *Building of Informatics, Technology and Science (BITS)*, *4*(2), 570–580. https://doi.org/10.47065/bits.v4i2.2116

Verdy, & Ery Hartati. (2024). Klasifikasi Penyakit Mata Menggunakan Convolutional Neural Network Model Resnet-50. *Jurnal Rekayasa Sistem Informasi Dan Teknologi*, *1*(3), 199–206. https://doi.org/10.59407/jrsit.v1i3.529

Walek, B., & Fajmon, P. (2023). A hybrid recommender system for an online store using a fuzzy expert system. *Expert Systems with Applications*, *212*(October 2021), 118565. https://doi.org/10.1016/j.eswa.2022.118565

Widhiyanti, A. A. S., Candiasa, I. M., & Aryanto, K. Y. E. (2021). Implementasi AHP-TOPSIS Dan Naïve Bayes Dalam Sistem Pendukung Keputusan Pemberian Bimbingan Konseling Siswa. *SINTECH (Science and Information Technology) Journal*, *4*(2 SE-Articles), 129–138. https://doi.org/10.31598/sintechjournal.v4i2.731

Widyandana, D., Prayogo, M. E., & Suhardjo, S. (2020). The capability of early detection of eye diseases in the community by primary health facility worker. *Journal of Community Empowerment for Health*, *3*(3), 203. https://doi.org/10.22146/jcoemph.43418

Yoliadi, D. N. (2023). Implementation of the breadth-first search method on forward-chaining inferences to diagnose autism disorders in children. *Jurnal Teknik Informatika C.I.T Medicom*, *15*(2), 58–72. https://doi.org/10.35335/cit.vol15.2023.339.pp58-72

Yoon, K. C. (2021). Cutting-Edge Topics in Dry Eye Disease. In *Cutting-Edge Topics in Dry Eye Disease*. https://doi.org/10.3390/books978-3-0365-0769-9

Zamroni, M. R., Cita K. N. S, Q., & Wahyudi, A. (2022). Sistem Pakar Diagnosa Penyakit Sapi Sebagai Upaya Pencegahan Penyebaran Wabah Pmk Di Lamongan. *Jurnal Ilmiah Informatika*, *10*(02), 145–152. https://doi.org/10.33884/jif.v10i02.6373