

DAFTAR PUSTAKA

- Adellia, D., Siregar, A. C., & Alkadri, S. P. A. (2022). Penerapan Metode Certainty Factor pada Sistem Pakar Diagnosa Hama dan Penyakit pada Tanaman Tomat. *Jurnal Edukasi Dan Penelitian Informatika (JEPIN)*, 8(3), 451. <https://doi.org/10.26418/jp.v8i3.56178>
- Al-Mafriji, A. A. M., Hamodi, Y. I., Hassn, S. G., & Mohammed, A. B. (2023). Analyzing the Use of Expert Systems in Improving the Quality of Decision-Making. *Eastern-European Journal of Enterprise Technologies*, 1(3–121), 73–80. <https://doi.org/10.15587/1729-4061.2023.274584>
- Alotaibi, J., & Doherty, P. (2024). *Cardiovascular Nursing and Allied Professions – Allied Professions in Cardiovascular Care Critical review of the studies identifying determinants of a change in fitness following a cardiac rehabilitation outpatient programme Cardiovascular Nursing and Al.* 76–78.
- Amalia, C. R. P., & Mahyuddin. (2023). Perancangan Sistem Pakar untuk Mendiagnosa Tingkat Stress Belajar pada Siswa SMA dengan Menggunakan Metode Forward Chaining. *Design Journal*, 1(1), 38–54. <https://doi.org/10.58477/dj.v1i1.27>
- Anwar, M. R. (2023). Analysis of Expert System Implementation in Computer Damage Diagnosis with Forward Chaining Method. *International Transactions on Artificial Intelligence (ITALIC)*, 1(2), 139–155. <https://doi.org/10.33050/italic.v1i2.213>
- Darejeh, A., Hadad Pajouh, H., & Darejeh, A. (2014). An investigation on the use of expert systems in developing web-based fitness exercise plan generator. *International Review on Computers and Software*, 9(8), 1442–1448. <https://doi.org/10.15866/irecos.v9i8.2951>
- Denalia, R. (2021). Sistem Pakar Diagnosa Penyakit Gigi Menggunakan Metode Forward Chaining Berbasis Web. *Journal of Vocational Education and Information Technology (JVEIT)*, 2(2), 83–89. <https://doi.org/10.56667/jveit.v2i2.445>
- Evangelista, A. L., Braz, T. V., La Scala Teixeira, C. V., Rica, R. L., Alonso, A. C., Barbosa, W. A., Reis, V. M., Baker, J. S., Schoenfeld, B. J., Bocalini, D. S., & Greve, J. M. D. (2021). Split or full-body workout routine: which is best to increase muscle strength and hypertrophy? *Einstein (São Paulo)*, 19. https://doi.org/10.31744/einstein_journal/2021AO5781
- Hakim, M. (2020). Sistem Pakar Mengidentifikasi Penyakit Alat Reproduksi Manusia Menggunakan Metode Forward Chaining. *TEKNIMEDIA: Teknologi Informasi Dan Multimedia*, 1(1), 59–67. <https://doi.org/10.46764/teknimedia.v1i1.16>
- Hwang, D.-J., & Yang, H.-J. (2024). Nutritional Strategies for Enhancing Performance and Training Adaptation in Weightlifters. *International Journal of Molecular Sciences*, 26(1), 240. <https://doi.org/10.3390/ijms26010240>
- Hwang, D. J., & Yang, H. J. (2025). Nutritional Strategies for Enhancing Performance and Training Adaptation in Weightlifters. *International Journal of Molecular Sciences*, 26(1), 1–18. <https://doi.org/10.3390/ijms26010240>
- Kalfin, D. K., Yuningsih, S. H., & Prabowo, A. (2024). Significant Positive Impact of Regular Exercise on Mental and Physical Health. *International Journal of Health, Medicine, and Sports*, 2(3), 89–93. <https://doi.org/10.46336/ijhms.v2i3.126>
- Karina Nur Safitri, Salma Irdhillah, Mila Deskia, Moch Fitran Naufaldy, Restu Rahayu, Nazwa Kusumawicitra, Selvi Triwanvi, Agus Mulyana, & Agus Mulyana. (2024). Pembelajaran Penjasorkes Di Sekolah Dasar: Manfaat Olahraga Untuk Kesehatan Tubuh. *Sinar Dunia: Jurnal Riset Sosial Humaniora Dan Ilmu Pendidikan*, 3(2), 44–56. <https://doi.org/10.58192/sidu.v3i2.2108>
- Kusumanagara, T. F., Fauziah, F., & Hidayatullah, D. (2021). Implementasi Metode

- Forward chaining dan Certainty factor dalam Mendiagnosa Autisme Anak Berbasis Web. *Jurnal JTIK (Jurnal Teknologi Informasi Dan Komunikasi)*, 5(4), 362. <https://doi.org/10.35870/jtik.v5i4.224>
- Lina, S. H., Marsa, M., & Opu, A. D. D. (2024). Implementasi Algoritma Certainty Factor dan Forward Chaining untuk Rekomendasi dan Larangan Makanan. *MALCOM: Indonesian Journal of Machine Learning and Computer Science*, 4(1), 340–349. <https://doi.org/10.57152/malcom.v4i1.1215>
- Manik, L., Saragi, N. L., & Utomo, D. P. (2024). Penerapan Metode Certainty Factor Dalam Mendiagnosa Penyakit Otitis Eksterna. *Bulletin of Artificial Intelligence*, 3(1), 1–7. <https://doi.org/10.62866/buai.v3i1.138>
- Mansur, L. K., Irianto, J. P., & Mansur, M. (2018). Pengaruh latihan squat menggunakan free weight dan gym machine terhadap kekuatan, power, dan hypertrophy otot. *Jurnal Keolahragaan*, 6(2), 150–161. <https://doi.org/10.21831/jk.v6i2.16516>
- Mazur, L. J., Yetman, R. J., & Risser, W. L. (1993). Weight-Training Injuries. *Sports Medicine*, 16(1), 57–63. <https://doi.org/10.2165/00007256-199316010-00005>
- Michael, E., Orion, S., Boureau, S. R. Y., Qian, R., & Weston, J. (2022). *Human Evaluation of Conversations is an Open Problem : comparing the sensitivity of various methods for evaluating dialogue agents*. 77–97.
- Mishra, D., Painuli, D., & Nirvikar. (2016). Rule Based Expert System for Medical Diagnosis-A Review. *International Journal of Engineering Technology, Management and Applied Sciences*, 4(12), 167–172. www.ijetmas.com
- Morris, S. J., Oliver, J. L., Pedley, J. S., Haff, G. G., & Lloyd, R. S. (2022). Comparison of Weightlifting, Traditional Resistance Training and Plyometrics on Strength, Power and Speed: A Systematic Review with Meta-Analysis. *Sports Medicine*, 52(7), 1533–1554. <https://doi.org/10.1007/s40279-021-01627-2>
- Mukhbata Alifia Danial, Nesyana Nurmadilla, Rezky Pratiwi LB, Aryanti Bamahry, & Syamsu, R. F. (2024). Gambaran Asupan Vitamin C Mahasiswa Fakultas Kedokteran Angkatan 2018. *Fakumi Medical Journal: Jurnal Mahasiswa Kedokteran*, 3(10), 743–749. <https://doi.org/10.33096/fmj.v3i10.389>
- MZ, Yumarlin, & Indrianta, H. (2022). Penerapan Sistem Pakar Untuk Identifikasi Anak Berkebutuhan Khusus Menggunakan Metode Rule Based System. *Jurnal Informatika Dan Teknologi Informasi*, 7(1), 1–78.
- Nahdi Anshari, M., Agus Pranoto, Y., & Xaverius Ariwibisono, F. (2024). Penerapan Sistem Pakar Menggunakan Metode Dempster-Shafer Untuk Menentukan Program Penurunan Berat Badan Pada Member Fitness Berbasis Web. *JATI (Jurnal Mahasiswa Teknik Informatika)*, 7(5), 3159–3165. <https://doi.org/10.36040/jati.v7i5.7631>
- Naryanto, R. F., Delimayanti, M. K., Kriswanto, Musyono, A. D. N. I., Sukoco, I., & Aditya, M. N. (2022). Development of a mobile expert system for the diagnosis on motorcycle damage using forward chaining algorithm. *Indonesian Journal of Electrical Engineering and Computer Science*, 27(3), 1601–1609. <https://doi.org/10.11591/ijeecs.v27.i3.pp1601-1609>
- Populix. (2025). *Tren Olahraga di Indonesia Berkembang Jadi Tren Gaya Hidup*. Populix. <https://info.populix.co/articles/tren-olahraga-di-indonesia/>
- Pratama, C. W., & Nugroho, A. (2024). Sistem Pakar Penentuan Jenis Makanan Sesuai Kebutuhan Kalori Pasien Menggunakan Metode Forward Chaining (Studi Kasus : RSUD dr. HA Habibie). *Jurnal JTIK (Jurnal Teknologi Informasi Dan Komunikasi)*, 8(1), 107–113. <https://doi.org/10.35870/jtik.v8i1.1316>
- Rahayu, I. (2024). Manfaat aktivitas fisik teratur untuk kesehatan fisik dan mental. *SN PJKMPD Proceedings*.

- Samodra, Y. T. J., & Musfira, N. (2021). Hasil Latihan Intensitas 75% Kemampuan Repetisi Maksimal terhadap Berat Badan. *Jurnal Pendidikan Kesehatan Rekreasi*, 7(2), 248–263. <https://www.neliti.com/publications/479565/>
- Schoenfeld, B. (2002). Development through active insufficiency and passive tension. *Strength and Conditioning Journal*, 24(4), 20–22. https://journals.lww.com/nsca-scj/citation/2002/08000/accentuating_muscular_development_through_active.6.aspx
- Setiana, E., Budiman, B., Rakhman A, R. Y., & Ramadhan, M. R. (2024). Analisis Perancangan Sistem Pakar Pola Latihan Untuk Mencapai Body Goals Menggunakan UML. *INTERNAL (Information System Journal)*, 6(2), 115–126. <https://doi.org/10.32627/internal.v6i2.853>
- Slater, G. J., Dieter, B. P., Marsh, D. J., Helms, E. R., Shaw, G., & Iraki, J. (2019). Is an Energy Surplus Required to Maximize Skeletal Muscle Hypertrophy Associated With Resistance Training. *Frontiers in Nutrition*, 6(August), 1–15. <https://doi.org/10.3389/fnut.2019.00131>
- Sugiarto, R. (2005). Latihan Beban Bagi Penderita Osteoporosis. *Medikora*, 1(2), 119–130.
- Sumboro, B., Praweda, D. R., & Mahendra, W. A. (2022). Sistem Pendukung Keputusan Menentukan Program Latihan Fitness Menggunakan Metode Weighted Product. *Go Infotech: Jurnal Ilmiah STMIK AUB*, 28(2), 184–194. <https://doi.org/10.36309/goi.v28i2.182>
- Suryadinata, R. V., Lorensia, A., & Sutjipto, V. (2021). Profil Asupan Makronutrien Pada Pengemudi Ojek Online Di Surabaya. *Journal of Industrial Hygiene and Occupational Health*, 6(1), 1. <https://doi.org/10.21111/jihoh.v6i1.4861>
- Syafitri, N., & Apdian, A. (2016). Sistem Pakar untuk Mendiagnosa Obesitas pada Anak dengan Menggunakan Metode Backward Chaining. *IT JOURNAL RESEARCH AND DEVELOPMENT*, 1(1), 1–8. [https://doi.org/10.25299/itjrd.2016.vol1\(1\).601](https://doi.org/10.25299/itjrd.2016.vol1(1).601)
- Syahputra, H., & Monica Syafindy, D. (2022). Sistem Pakar Diagnosa Penyakit Hepatitis Dengan Menggunakan Metode Certainty Factor. *Jurnal Sains Informatika Terapan*, 2(1), 45–50. <https://doi.org/10.62357/jsit.v2i1.186>
- Technology, I. (2024). *Diagnosis of Cucumber Plant Diseases Using Certainty*. 21(1), 1–8.
- Turing, B. A. M. (1950). *Computing machinery and intelligence*.
- Tyler Read, BSc, C. (2025). *Split Workout Schedule: What To Know and Examples*. Healthline.Com. <https://www.healthline.com/health/fitness/split-workout-schedule>
- Valenzuela, P. L., Castillo-García, A., Morales, J. S., de la Villa, P., Hampel, H., Emanuele, E., Lista, S., & Lucia, A. (2020). Exercise benefits on Alzheimer’s disease: State-of-the-science. *Ageing Research Reviews*, 62, 101108. <https://doi.org/10.1016/j.arr.2020.101108>