

REFERENSI

- [1] M. Phanich, P. Pholkul, and S. Phimoltares, "Food Recommendation System Using Clustering Analysis for Diabetic Patients," *2010 Int. Conf. Inf. Sci. Appl.*, pp. 1–8, 2010.
- [2] A. Arwan, M. Sidiq, B. Priyambadha, H. Kristianto, and R. Sarno, "Ontology and semantic matching for diabetic food recommendations," *Proc. - 2013 Int. Conf. Inf. Technol. Electr. Eng. "Intelligent Green Technol. Sustain. Dev. ICITEE 2013*, pp. 170–175, 2013.
- [3] M. A. Al-tae, S. N. Abood, and A. M. Al-tae, "Blood-Glucose Pattern Mining Algorithm for Decision Support in Diabetes Management," 2014.
- [4] Irshad Faiz;Hamid Mukhtar; Sharifullah Khan, "An Integrated Approach of Diet and Exercise Recommendation for Diabetes Patients," *IEE 16th Int. Conf. e-Health Netw.*, pp. 537–542, 2014.
- [5] PERKENI, *Konsensus Pengendalian dan Pencegahan Diabetes Melitus Tipe 2 di Indonesia 2015*. 2015.
- [6] Kemenkes, "Hari Diabetes Sedunia 2018," *InfoDATIN*, p. 8, 2018.
- [7] Kemenkes RI, "Mari Kita Cegah Diabetik Dengan Cerdik," *Kementrian Kesehatan Republik Indonesia*, 2016. .
- [8] C. Muhammad and J. Nazar, "Diabetic nephropathy; principles of diagnosis and treatment of diabetic kidney disease," *J. Nephropharmacology J Nephropharmacol*, 2014.
- [9] G. B. Piccoli *et al.*, "Low-protein diets in diabetic chronic kidney disease (CKD) patients: Are they feasible and worth the effort?," *Nutrients*, 2016.
- [10] A. Ariani, A. P. Koesoema, and S. Soegijoko, *Innovative Healthcare Systems for the 21st Century*. 2017.
- [11] R. Putriana, "Sistem Nutrisi Untuk Kondisi Kesehatan Normal, Diabetes Melitus dan Hipertensi Menggunakan Algoritma Genetika," 2018.
- [12] S. Almatsier, "Prinsip Dasar Ilmi Gizi," *Gramedia Pustaka Utama*, 2009.
- [13] K. Yamamori, I. Yoshihara, M. Kamiguchi, and K. Nishiyama, "An automatic model building for screening functional foods with GP," in *ICCAS-SICE 2009 - ICROS-SICE International Joint Conference 2009, Proceedings*, 2009.
- [14] J. Yu, "Application of genetic algorithms in product assessment," *Proc. - 4th Int. Conf. Genet. Evol. Comput. ICGEC 2010*, pp. 289–292, 2010.
- [15] N. Hasanah and R. Wardoyo, "Purwarupa Sistem Pakar dengan Mamdani Product untuk Menentukan Menu Harian Penderita DM," *IJCCS (Indonesian J. Comput. Cybern. Syst.)*, 2013.
- [16] K. B. Muntiasuti, L. E. Nugroho, and T. B. Adji, "Model Ontologi Diet Nutrisi Klinis Gagal Ginjal Kronis," *J. ISSN 2085-6350*, 2017.
- [17] I. Faiz, H. Mukhtar, A. M. Qamar, and S. Khan, "A semantic rules amp; reasoning based approach for Diet and Exercise management for diabetics," *Emerg. Technol. (ICET), 2014 Int. Conf.*, pp. 94–99, 2014.
- [18] D. Prajarini, "Sistem Pendukung Pengambilan Keputusan Klinis Untuk Menentukan Tindakan Medis Pada Penderita Penyakit Diabetes Melitus (Studi Kasus RSUD Dr. Soediran Mangun Soemarso)," Universitas Gadjah Mada, 2011.
- [19] Y. H. Ting, Q. Zhao, and R. C. Chen, "Dietary recommendation based on recipe ontology," *2014 IEEE 6th Int. Conf. Aware. Sci. Technol. iCAST 2014*, 2014.
- [20] R. C. Chen, Y. H. Ting, J. K. Chen, and Y. W. Lo, "The nutrients of chronic diet recommended based on domain ontology and decision tree," *TAAI 2015 - 2015 Conf. Technol. Appl. Artif. Intell.*, pp. 289–295, 2016.
- [21] J. C. C. Tseng *et al.*, "An interactive healthcare system with personalized diet and



- exercise guideline recommendation,” in *TAAI 2015 - 2015 Conference on Technologies and Applications of Artificial Intelligence*, 2016.
- [22] Y. Luo, C. Ling, J. Schuurman, and R. Petrella, “GlucoGuide: An intelligent type-2 diabetes solution using data mining and mobile computing,” in *IEEE International Conference on Data Mining Workshops, ICDMW*, 2015.
- [23] F. Fernandes, H. Vicente, A. Abelha, J. Machado, P. Novais, and J. Neves, “Artificial neural networks in diabetes control,” in *Proceedings of the 2015 Science and Information Conference, SAI 2015*, 2015.
- [24] Y. Wang, P. F. Li, Y. Tian, J. J. Ren, and J. S. Li, “A Shared Decision-Making System for Diabetes Medication Choice Utilizing Electronic Health Record Data,” *IEEE J. Biomed. Heal. Informatics*, 2017.
- [25] N. Wang and G. Kang, “A monitoring system for type 2 diabetes mellitus,” in *2012 IEEE 14th International Conference on e-Health Networking, Applications and Services, Healthcom 2012*, 2012.
- [26] B. S. Wibowo and M. Handayani, “A Genetic Algorithm for Generating Travel Itinerary Recommendation with Restaurant Selection,” in *IEEE International Conference on Industrial Engineering and Engineering Management*, 2019.
- [27] X. Deng, Y. Zhang, B. Kang, J. Wu, X. Sun, and Y. Deng, “An application of genetic algorithm for university course timetabling problem,” in *Proceedings of the 2011 Chinese Control and Decision Conference, CCDC 2011*, 2011.
- [28] A. Karray, M. Benrejeb, and P. Borne, “New parallel genetic algorithms for the single-machine scheduling problems in agro-food industry,” in *2011 International Conference on Communications, Computing and Control Applications, CCCA 2011*, 2011.
- [29] D. F. He, X. S. Su, X. L. He, and M. L. Wang, “The generating algorithm of group meal recipes based on genetic algorithm,” in *2017 3rd IEEE International Conference on Computer and Communications, ICC 2017*, 2018.
- [30] F. Sun, “Computer Optimization of Food Nutrition Formula Based on the Consideration of Adaptive Genetic Algorithm,” in *Proceedings - 2019 International Conference on Intelligent Transportation, Big Data and Smart City, ICITBS 2019*, 2019.
- [31] S. Fellaji, A. Azmani, and A. Akharif, “Bayesian approach for minimizing nephropathy risk for patients with type 2 diabetes,” in *2014 9th International Conference on Intelligent Systems: Theories and Applications, SITA 2014*, 2014.
- [32] B. Narasimhan and A. Malathi, “Fuzzy logic system for risk-level classification of diabetic nephropathy,” in *Proceeding of the IEEE International Conference on Green Computing, Communication and Electrical Engineering, ICGCCEE 2014*, 2014.
- [33] M. Gen, “Genetic Algorithms and Their Applications,” in *Springer Handbook of Engineering Statistics*, 2007.
- [34] S. Almatier, “Ilmu gizi dasar,” *PT Gramedia Pustaka Utama, Jakarta*, 2009.
- [35] Z. Zukhri and K. Omar, “Solving New Student Allocation Problem with Genetic Algorithms: A Hard Problem for Partition Based Approach,” *Int. J. Soft Comput. Appl.*, 2008.
- [36] Z. Michalewicz, “Evolutionary algorithms for constrained parameter optimization problems,” *Evol. Comput.*, 1996.