

REFERENCES

- [1] Wild S, Roglic G, Green A, Sicree R, King H. Global prevalence of diabetes: estimates for the year 2000 and projections for 2030. *Diabetes Care*. 2004 May;27(5):1047-53. doi: 10.2337/di-acare.27.5.1047. PMID: 15111519.
- [2] Salehidoost, R., Mansouri, A., Amini, M., Aminorroaya Yamini, S., Aminorroaya, A. (2020). Diabetes and all-cause mortality, a 18-year follow-up study. *Scientific reports*, 10(1), 3183. <https://doi.org/10.1038/s41598-020-60142-y>
- [3] Toi, P. L., Anothaisintawee, T., Chaikledkaew, U., Briones, J. R., Reutrakul, S., Thakkinstian, A. (2020). Preventive Role of Diet Interventions and Dietary Factors in Type 2 Diabetes Mellitus: An Umbrella Review. *Nutrients*, 12(9), 2722. <https://doi.org/10.3390/nu12092722>
- [4] Tarus, J. K., Niu, Z., Mustafa, G. (2017, January 13). Knowledge-based recommendation: a review of ontology-based recommender systems for e-learning. *Artificial Intelligence Review*. <https://doi.org/10.1007/s10462-017-9539-5>
- [5] Matulesy, S. A., Baizal, Z. K. A. (2024). Food Recommendation with Balanced Nutrition Using Context-Aware Knowledge-Base. 2024 International Conference on Data Science and Its Applications (ICoDSA), Kuta, Bali, Indonesia, pp. 403-408. <https://doi.org/10.1109/ICoDSA62899.2024.10651995>
- [6] Najla Nur Adila, Baizal, Z. K. A. (2023). Ontology-Based Food Menu Recommender System for Patients with Coronary Heart Disease. *Sinkron : Jurnal Dan Penelitian Teknik Informatika*, 7(4), 2363-2371. <https://doi.org/10.33395/sinkron.v8i4.12858>
- [7] Tabak, A. G., Herder, C., Rathmann, W., Brunner, E. J. Kivimäki, M. Prediabetes: a high-risk state for diabetes development. *Lancet* 379, 2279–2290, [https://doi.org/10.1016/S0140-6736\(12\)60283-9](https://doi.org/10.1016/S0140-6736(12)60283-9) (2012).
- [8] Mckensy-Sambola, Dexon, Miguel Ángel Rodríguez-García, Francisco García-Sánchez, and Rafael Valencia-García. (2022) "Ontology-Based Nutritional Recommender System" *Applied Sciences* 12, no. 1: 143. <https://doi.org/10.3390/app12010143>
- [9] Agapito, G., Simeoni, M., Calabrese, B., Care', I., Lamprinoudi, T., Guzzi, P. H., ... Cannataro, M. (2018). DIETOS: A dietary recommender system for chronic diseases monitoring and management. *Computer methods and programs in biomedicine*, 153, 93-104.
- [10] Ali, F., Islam, S. M. R., Kwak, D., Khan, P., Ullah, N., Yoo, S., Kwak, K. S. (2018). Type2 fuzzy ontology-aided recommendation systems for IoT-based healthcare. *Computer Communications*, 119, 138–155. <https://doi.org/10.1016/j.comcom.2017.10.005>
- [11] Espín, V., Hurtado, M. V., Noguera, M. (2015). Nutrition for Elder Care: a nutritional semantic recommender system for the elderly. *Expert Systems*, 33(2), 201–210. <https://doi.org/10.1111/exsy.12143>

- [12]Cioara, T., Anghel, I., Salomie, L., Barakat, L., Miles, S., Reidlinger, D., Taweel, A., Dobre, C., Pop, F. (2018). Expert system for nutrition care process of older adults. *Future Generation Computer Systems*, 80, 368-383. <https://doi.org/10.1016/j.future.2017.05.037>
- [13]A personalized recommendation system to support Diabetes Self- Management for American Indians. (2018). *IEEE Journals Magazine* doi: 10.1109/ACCESS.2018.2882138.
- [14]Hafidh, Rasha Sharif, Saeed Alsallal, Muna. (2019). Smart Holistic Model for Children and Youth with Special Educational Needs and Disabilities. 130-135. 10.1109/iCCECE46942.2019.8941685.
- [15]AISSAOUI, O. E., OUGHDIR, L. (2020). A learning style based Ontology Matching to enhance learning resources recommendation. 2020 1st International Conference on Innovative Research in Applied Science, Engineering and Technology (IRASET). doi:10.1109/iraset48871.2020.9092142
- [16]Nurani, S., Baizal, Z., and Ikhsan, N. (2022). Sellybot : Conversational recommender system based on functional requirements. In 2022 International Conference on Data Science and Its Applications (ICoDSA, pages 315–319, IEEE.
- [17]Harris, J. A., Benedict, F. G. (1918). A biometric study of human basal metabolism. *Proceedings of the National Academy of Sciences of the United States of America*, 4(12), 370–373. <https://doi.org/10.1073/pnas.4.12.370>
- [18]Augustin, L., et al (2015). Glycemic index, glycemic load and glycemic response: An International Scientific Consensus Summit from the International Carbohydrate Quality Consortium (ICQC). *NMCD. Nutrition Metabolism and Cardiovascular Diseases*, 25(9), 795–815. <https://doi.org/10.1016/j.numecd.2015.05.005>
- [19]Ryan, M. C., Abbasi, F., Lamendola, C., Carter, S., McLaughlin, T. L. (2007). Serum alanine aminotransferase levels decrease further with carbohydrate than fat restriction in Insulin-Resistant adults. *Diabetes Care*, 30(5), 1075–1080. <https://doi.org/10.2337/dc06-2169>
- [20]Tampilan Gambaran Pola Diet Jumlah, Jadwal, dan Jenis (3J) pada Pasien dengan Diabetes Melitus Tipe 2. (n.d.). <https://journal.khj.ac.id/index.php/ijons/article/view/3/2>
- [21]Rahmawati, N., Imrona, M. (2016). Conversational Recommender System with Explanation Facility Using Semantic Reasoning. *International Journal on Information and Communication Technology (IJoICT)*, 2(1), 1-12.