





















- [43] M. P. P. Pieroni, T. C. McAloone, Y. Borgianni, L. Maccioni, and D. C. A. Pigosso, "An expert system for circular economy business modelling: advising manufacturing companies in decoupling value creation from resource consumption," *Sustain. Prod. Consum.*, vol. 27, pp. 534–550, 2021, doi: 10.1016/j.spc.2021.01.023.
- [44] K. Saddhono, B. W. Setyawan, Y. M. Raharjo, and R. Devilito, "The diagnosis of online game addiction on Indonesian adolescent using certainty factor method," *Ing. des Syst. d'Information*, vol. 25, no. 2, pp. 191–197, 2020, doi: 10.18280/isi.250206.
- [45] J. Yuan, S. Zhang, S. Wang, F. Wang, and L. Zhao, "Process abnormality identification by fuzzy logic rules and expert estimated thresholds derived certainty factor," *Chemom. Intell. Lab. Syst.*, vol. 209, no. December 2020, p. 104232, 2021, doi:10.1016/j.chemolab.2020.104232.
- [46] D. Susanto, A. Fadlil, and A. Yudhana, "Application of the Certainty Factor and Forward Chaining Methods to a Goat Disease Expert System," *Khazanah Inform. J. Ilmu Komput. dan Inform.*, vol. 6, no. 2, 2020, doi: 10.23917/khif.v6i2.10867.
- [47] A. S. P. Natalia Anjela Sagat, "Sistem Pakar untuk Mendiagnosa Penyakit Tanaman Kopi Berbasis WEB," *JPTI J. Pendidik. dan Teknol. Indones.*, vol. 1, no. No 8 Agustus, pp. 25–32, 2021, doi:10.32767/jusikom.v4i1.423.
- [48] M. Ibtasam, "Accuracy Measurements and Decision Making by Naïve Bayes and Forward Chaining Method to Identify the Malnutrition Causes and Symptoms," *Sci. J. Informatics*, vol. 8, no. 2, pp. 320–324, 2021, doi: 10.15294/sji.v8i2.29317.
- [49] G. Aguilera-Venegas, E. Roanes-Lozano, G. Rojo-Martínez, and J. L. Galán-García, "A proposal of a mixed diagnostic system based on decision trees and probabilistic experts rules," *J. Comput. Appl. Math.*, vol. 427, p. 115130, 2023, doi: 10.1016/j.cam.2023.115130.
- [50] A. Seppewali, W. H. Mulyo, and R. Riswan, "Sistem Pakar Diagnosa Kerusakan Motor Suzuki Smash Titan 115 Cc Menggunakan Metode Forward Chaining," *J. Teknol. Dan Sist. Inf. Bisnis*, vol. 5, no. 1, pp. 13–20, 2023, doi: 10.47233/jteksis.v5i1.728.