

ABSTRACT

Tirtohargo Village in Kretek District, Bantul, still faces obstacles in recording and reporting the nutritional status of toddlers because the integrated health post system is not well organized, so it is prone to data loss and causes delays in information. The study aims to develop a web-based information system for classifying the nutritional status of toddlers using the Naïve Bayes Classifier algorithm. The system processes measurement data such as weight, height, age, and gender to produce indicators of BB/A, TB/A, and BB/TB based on the WHO Z-Score. These indicators are the basis for classification into the categories of Stunting, Wasting, Underweight, or Normal. The development method used is Waterfall, starting from needs analysis to testing. The results of the system development accelerate the data collection and classification process, and facilitate monitoring of the nutritional status of toddlers by village staff, officers, and parents directly through the system. This shows that the system is able to support improving the quality of health services for toddlers in Tirtohargo Village.

Keywords: *Toddler Nutritional Status, Information System, WHO Z-Score, Naïve Bayes Classifier*