EXPERT SYSTEM FOR DIAGNOSIS OF STUNTING DISORDERS IN TODDLER USING THE K-NEAREST NEIGHBOR METHOD AT KASIHAN II HEALTH CENTER

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ABSTRACT

Stunting disorder in toddlers is a nutritional problem in toddlers. Stunting disorder is a special disease that occurs in toddlers because it can cause death, so it needs early treatment. The main aim of this research is to help and overcome the risk of stunting through technology which is expected to be able to make predictions about stunted or non-stunting toddlers based on available data or information. The KNN method is used in research to prove predictions based on available facts. The aim of this research is to be able to predict the outcome of stunting in toddlers, in order to reduce the number of stunting in Indonesia. This research produces an accuracy of test size of 0.3, random state of 100 and a K=5 value of 0.966 or 96%.

Keywords: Stunting, Toddlers, Web Based, Disease Diagnosis.