

**Sistem Pendukung Keputusan Pemilihan Jenis Makanan  
Penderita Stunting Menggunakan Metode Simple Additive  
Weighting** (*Decision on the Selection Decision Support System Food  
for Stunting Patients Using Simple Additive Weighting Methods*)  
Pembimbing (1 orang)

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***ABSTRACT***

*Stunting is a serious health problem worldwide, especially in developing countries. One factor that can affect stunting is an unhealthy and inadequate diet. Therefore, there is a need for a decision support system (SPK) that can help the selection of the right food for stunting people to increase their nutritional intake. This study aims to develop an SPK that uses the Simple Additive Weighting (SAW) method in selecting food types for stunting sufferers. The SAW method is used to weight each relevant criterion in the selection of food types, such as nutritional content, availability, and cost. First, relevant criteria data were collected through literature studies and interviews with nutritionists. Then, the relative weights for each criterion are determined through pairwise comparison analysis. Thereafter, data on the types of food available and data on stunting were collected for use in the CBD. SPK will process existing data and provide recommendations on the most appropriate type of food for stunting sufferers. The recommendation is based on the calculation of preference values using the SAW method. The type of food with*

*the highest preference value will be considered the best recommendation for stunting people. It is hoped that this CBD can be a useful tool for nutritionists in determining the appropriate type of food. By improving their diet, it is hoped that stunting sufferers can increase their nutritional intake and cope effectively with stunting problems. This study can serve as the basis for further development of CBD in the field of food selection for certain health conditions.*

**Keywords:** Decision Support System, Stunting