

Decision Support System for Accepting Aid for the Poor Using the Topsis Method

Muhamad Nugroho W S, Rianto, Dr., S. Kom., M. Eng.

*Information Systems Study Program, Faculty of Science & Technology
University of Technology Yogyakarta*

Jl. Ringroad Utara Jombor Sleman Yogyakarta

E-mail : muhammadnugrohows@gmail.com, rianto@staff.uty.ac.id ,

ABSTRACT

The development of science and technology has brought many changes in aspects of human life, including in the field of government, especially the distribution of aid. The Ngaglik hamlet, which has a large population, is having problems determining beneficiaries. The number of proposers is greater than the number of beneficiaries, so a system is needed to distribute the aid. The system is expected to be able to manage the assistance of the poor so that it is distributed to people who deserve it, quickly, and provide convenience for village officials in the distribution of aid. The proposed system is included in the category of Decision Support System (DSS). The DSS method used is the Technique For Others Reference by Similarity to Ideal Solution (TOPSIS) method which has the ability to measure the relative performance of alternative decisions. This method is widely used to complete practical decision making. With the establishment of a decision support system for recipients of assistance to the poor, it is hoped that it will facilitate the distribution of beneficiaries to the poor.

Keywords: Assistance, Decision Support System, Topsis