

PRIORITY DECISION SUPPORT SYSTEM FOR ALLOCATION OF DEVELOPMENT FUNDS IN KRADENAN VILLAGE USING THE TOPSIS METHOD

(Case Study: Kradenan Srumbung Village Office, Magelang Regency)

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ABSTRACT

Determining priorities for allocating Kradenan village development funds is carried out by means of village meetings. This deliberation is held by village apparatus involved in the Village Consultative Body (BPD). In the implementation process, village officials still have difficulty making decisions due to the large number of proposals and limited time for meetings. Therefore, the solution from the researchers is to create a priority decision support system for allocating development funds in Kradenan village using the TOPSIS method (The Technique for Order of Preference by Similarity to Ideal Solution) to maximize the results of prioritization. In this study implemented the TOPSIS method. The programming language used is PHP with Codeigniter framework and MySQL database. The results of this study are a recommendation information system that can assist village officials in making decisions to determine priorities for allocating Kradenan village development funds. This decision support system can help village officials reduce mistakes, increase efficiency, and provide the right results in making a decision.

Keywords: *Priority, Development Fund, TOPSIS*