

ABSTRAK

Sistem Pendukung Keputusan (SPK) merupakan sistem berbasis model yang terdiri dari prosedur-prosedur dalam pemrosesan data dan pertimbangannya untuk membantu manajer dalam membuat keputusan. Solusi dari permasalahan tersebut yaitu memanfaatkan aplikasi *Multi Criteria Decision Making* (MCDM) dengan metode tertentu sebagai sistem pendukung keputusan pada tahap penghitungan nilai seleksi.

Sistem Pendukung Keputusan bertujuan dapat menghasilkan sistem pendukung keputusan seleksi Penerima RASKIN berbasis WEB serta mengimplementasikan metode *Technique for Order Preference by Similarity to Ideal Solution* (TOPSIS) yang nantinya dapat berguna untuk Penduduk Desa Klompang Barat, Kecamatan Pakong, Kabupaten Pamekasan.

Aplikasi pendukung keputusan seleksi penerima raskin dengan metode *technique for order preference by similarity to ideal solution* berbasis web dapat disimpulkan Bahwa tingkat akurasi perbandingan antara seleksi manual dengan seleksi menggunakan metode topsis sebesar 86%.

Kata Kunci : SPK, *Multi Criteria Decision Making*, *Technique for Order Preference by Similarity to Ideal Solution*, web, RASKIN,

ABSTRACT

Decision Support System (SPK) is a model-based system consisting of procedures in data processing and its consideration to assist managers in making decisions. The solution of the problem is utilizing *Multi Criteria Decision Making* (MCDM) application with certain method as decision support system at the stage of calculating the value of selection.

Decision Support System aims to produce a decision support system of RASKIN-based WEB Receiver Selection and implements *Technique for Order Preference by Similarity to Ideal Solution* (TOPSIS) method which will be useful for Klompang Barat Village Village, Pakong Sub-district, Pamekasan District.

Application of decision support of raskin recipient selection with technique method for order preference by similarity to ideal solution based on web can be concluded that the comparison accuracy level between manual selection and selection using topsis method is 86%.

Keywords: SPK, *Multi-Criteria Decision Making*, *Booking Preference Technique by Similarity with Ideal Solutions*, web, RASKIN,