

ABSTRAK

Penelitian ini bertujuan untuk membuat sistem pendukung keputusan seleksi penerima dana bantuan program keluarga harapan (pkh) yang tepat berdasarkan kriteria-kriteria. Sistem ini dibangun dengan menerapkan metode Elimination and Choice Expressing Reality (ELECTRE). Ada beberapa kriteria yang akan dijadikan sebagai bobot, nilai bobot kriteria dimasukkan antara 0-1, nilai bobot akan dinormalisasikan dan dihitung dengan metode ELECTRE berdasarkan utilitas. Pada metode Elimination and Choice Expressing Reality (ELECTRE), keputusan diambil berdasarkan kriteria yang telah ditentukan dan setelah itu dibandingkan dengan yang lain yang kemudian menghasilkan perankingan dari beberapa hasil calon penerima dana bantuan. Dari hasil pengujian menggunakan metode blackbox dapat menyimpulkan bahwa sistem seleksi penerima dana bantuan ini dapat membantu proses seleksi penerima dana bantuan.

Kata Kunci: Kelurahan Krajan Kulon, Program Keluarga Harapan, SPK, ELECTRE, Dana Bantuan.

ABSTRACT

The aim of this research is to create a decision support system for selection of beneficiaries for hope families program based on criteria. This system was built by applying the Elimination and Choice Expressing Reality (ELECTRE) method. There are several criteria that will be used as weights, the value of each criterion weights are between 0-1, the weight values will be normalized and calculated by the ELECTRE method based on the utility. In the Elimination and Choice Expressing Reality (ELECTRE) method, decisions are made based on predetermined criteria and further, they compared with others which then results in ranking of some the prospective beneficiaries. According to the testing resul in which using the blackbox method, it can be concluded that this decision system makes the beneficiaries selection process easier.

Keyword : Kelurahan Krajan Kulon, Hope Families Program, SPK, ELECTRE, Donation.