

Sistem Pendukung Keputusan Penentuan Penerima Bantuan Stimulan Perumahan Swadaya Di Kecamatan Maligano Menggunakan Metode SAW

Decision Support System For Determining Recipient Of Stimulant Assistance Of Self-Help Housing In Maligano District Using The Saw Method

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ABSTRAK

Bantuan stimulan perumahan swadaya adalah bantuan pemerintah berupa stimulan bagi masyarakat berpenghasilan rendah untuk meningkatkan keswadayaan dalam pembangunan/peningkatan kualitas rumah beserta prasarana, sarana dan utilitas umum.

Desa Latompa Kecamatan Maligano salah satu desa yang menerima bantuan stimulan perumahan swadaya. Dalam menentukan penerima bantuan masih menggunakan sistem manual dan objektif, maka dari itu peneliti membuat sistem pendukung keputusan untuk menentukan penerima bantuan dengan menerapkan metode SAW. Dalam menentukan penerima bantuan menggunakan metode SAW membutuhkan 4 kriteria yaitu penghasilan perbulan, jumlah tanggungan, swadaya dan kondisi rumah. Setiap kriteria memiliki bobot yang telah ditentukan oleh pembuat keputusan.

Berdasarkan data uji sebanyak 30 data, baik dengan kondisi yang ada dilapangan dan hasil perhitungan sistem diperoleh kesesuaian dengan sebanyak 27 calon penerima bantuan dengan presentase 90% dan tidak sesuai sebanyak 3 orang dengan presentase 10%

Kata Kunci : *Bantuan Stimulan Perumahan Swadaya; Program Bantuan Stimulan Perumahan Swadaya; Metode Simple Additive Weighting*

ABSTRACT

Stimulant Assistance of Self-Help Housing is government assistance in the form of stimulants for low-income people to increase self-sufficiency in the construction/improvement of housing quality along with infrastructure, facilities and public utilities.

Latompa Village in Maligano District is one of the villages that receive the Stimulant Assistance Program of Self-Help Housing. In determining the recipient is still using a manual and objective system. Therefore the researcher makes a decision support system to determine the recipient of assistance by applying the SAW method. In determining beneficiaries using the SAW method requires four criteria, namely monthly income, number of dependents, self-help and housing conditions. Each criterion has a weight determined by the decision-maker.

Based on the test data of 30 data, both with existing conditions in the field and the results of the calculation of the system obtained suitability with as many as 27 prospective beneficiaries with a percentage of 90% and three people with a percentage of 10% are not appropriate.

Keywords: *Stimulant Assistance of Self-Help Housing; Stimulant Assistance Program of Self-Help Housing; Simple Additive Weighting Method*