

## RINGKASAN

Kemiskinan merupakan masalah yang sering terjadi di negara Indonesia. Berbagai program penanggulangan kemiskinan di Indonesia telah banyak dilakukan oleh pemerintah, baik pusat maupun daerah, serta lembaga swasta. Salah satunya yaitu adanya program bantuan bedah kemiskinan rakyat sejahtera. Program bedah kemiskinan rakyat sejahtera di desa Laren pelaksanaannya belum sesuai dengan yang di harapkan. Pada saat ini penentuan penerima bantuan masih dilakukan secara manual, yaitu hanya dengan melakukan pendataan, sehingga dalam memberikan bantuan belum tepat sasaran. Guna mengatasi masalah tersebut, maka dibutuhkan suatu sistem pendukung keputusan yang dapat membantu pihak desa dalam mengelola penerima program bantuan bedah kemiskinan rakyat sejahtera dengan menggunakan metode *simple additive weighting* (SAW). Dalam merancang sistem ini digunakan beberapa alat bantu seperti DFD dan ERD. Metode pengembangan sistem yang digunakan adalah *rapid application development* (RAD) dan dalam melakukan pengujian sistem digunakan metode *blackbox testing*. Tujuan penelitian adalah menghindari pemilihan penerima bantuan bedah kemiskinan rakyat sejahtera secara subyektif, mengetahui performansi metode SAW. Kriteria yang digunakan dalam penelitian adalah jumlah penghasilan, jumlah tanggungan, luas lahan (m<sup>2</sup>), dan jenis lantai. Berdasarkan kuesioner yang telah diuji oleh admin dengan hasil rata-rata 91,2 % sehingga termasuk dalam kategori sangat setuju, dengan begitu sistem pendukung keputusan kelayakan penerima program bantuan bedah kemiskinan rakyat sejahtera di desa Laren dapat diterima dan diterapkan pada Balai Desa Laren.

Kata Kunci: Kemiskinan, Sistem Pendukung Keputusan, *Simple Additive Weighting* (SAW), *Rapid Application Development* (RAD).

## **ABSTRACT**

*Poverty is a problem that often occurs in Indonesia. Some programs dealing with has been widely permormed by Indonesian. Gowerment whether central or local, as well as private institutions. One of us the program is proverty as is tance program for prosperous people. Poverty assistance program, for prosperous people in the village Laren has not been implemented well. At the moment the determination of recipients is still done manually, by simply doing data collection, so that in providing aid have not been right on target. In order to resolve the issue, then it takes a decision support system that can help parties in managing proverty assistance program for prosperous people using the method of simple additive weighting (SAW). In designing the system used several tools such as DFD and ERD. System development method used was a rapid application development (RAD) and in performing the testing system used method of blackbox testing. The purpose of the study was to avoid the election of recipient subjectively, knowing the performance method. The criteria used in the study was the amount of income, number of dependents, land area (m2), and the type of floor. Based on a questionnaire that has been tested by an admin with an average result of 91.2% so it is included in the category couldn't agree, so a decision support system feasibility of surgical assistance program recipient of the people's peace, poverty in the village of Laren can accepted and applied on the porch of the village of Laren.*

*Keywords: Poverty, Decision Support Systems, Simple Additive Weighting (SAW), Rapid Application Development (RAD).*