

ABSTRACT

Social Assistance System for the Poor Using the Simple Additive Weighting Method

Rafli Ali Rizqullah¹⁾ Safitri Jaya, S.Kom., M.T.I.²⁾

¹⁾ Student of Informatics Study Program, Universitas Pembangunan Jaya.

²⁾ Lecturer of Informatics Study Program, Universitas Pembangunan Jaya

Social assistance for the community is the main task and mission of the government to improve the welfare of the nation and state. Therefore, the government continues to innovate on social assistance in the community. The problems in the distribution of Social Assistance (Bansos) that were complained of were related to: uneven distribution of aid, both in terms of time, target/recipient community and distribution area, unclear procedures and requirements for receiving aid, people whose conditions were more urgently hungry were not registered and vice versa. , there are those who are registered but do not receive assistance and there are those who cannot receive assistance at their place of residence because of the migrants' ID cards. In carrying out social assistance programs, local governments and work together to minimize the distribution of aid that is not right on target. The purpose of this study is where the results of this decision support system are in the form of ranking of prospective recipients of social assistance according to the final value of the results obtained based on measurement criteria consisting of income, marital status, number of dependents and age. This research was motivated when the author made observations and interviewed one of the village/kelurahan staff, it was concluded that the residents lacked knowledge about the conditions for providing assistance and there were no definite criteria when providing assistance, therefore, a decision support system was needed to assist village staff in To determine recipients of social assistance, an application for a Decision Support System on Determination of recipients of social assistance is made based on 4 criteria. Namely income, marital status, number of dependents, and age. This system is made with the PHP programming language. The decision support system method used is the Simple Additive Weighting (SAW) method. With the making of a decision support system for recipients of social assistance, it is expected to be able to produce a system that can make it easier to determine the decision to distribute aid recipients in the North Petukangan sub-district, South Jakarta and in other urban villages.

Keywords : Social Assistance, Simple Additive Weighting, PHP

Library : 15

Publication Year : 2017 - 2022