ABSTRACT

The distribution of subsidized rice is one of the government's efforts to reduce poor families. Food security and family welfare will be guaranteed if the distribution of aid from the government is carried out according to procedures and on target. Morobongo Village, Jumo District, Temanggung District is one of the villages that is still implementing the government subsidized rice distribution program. The selection of candidates for subsidized rice recipients in Morobongo Village has not yet referred to proper criteria. Therefore, this research was conducted to make it easier for officers to distribute rice to the public. The method used in making this system is the Analytical Hierarchy Process (AHP) which refers to the predetermined criteria, weights and value parameters. These criteria are determined from aspects of society in general such as occupation, stage, housing conditions and number of dependents. This decision support system was built using the PHP programming language with MySQL as the database server. This research resulted in a decision support system that was able to provide 92% of the test results with the alternatives obtained by 25 residents in determining the recipient of subsidized rice assistance appropriately, efficiently and on target.

Keywords: Decision Support System, Subsidized Rice, Analytic Hierarchy Process (AHP)