ABSTRACK

Poverty is one of the country's social problems. Poverty exists, but the basic rights of the poor to live with dignity, which is one of the most basic human rights, are not being fulfilled. To improve the quality of life, everyone has a responsibility to have a decent job and life, as well as a good place to live. The implementation of the Community Hope Program is one of the poverty alleviation strategies (PKH). In this study, the Naive Bayes approach was applied; is one method that can be used in the problem solving process. The Naive Bayes method can be used to determine whether or not a person is eligible to receive a grant from the Family Hope Program (PKH) based on certain criteria, such as monthly income, number of dependents, child's age, number of siblings, age of children's siblings, age of children's siblings, age of siblings child's biological age, child's sibling age, child's sibling age, age. Naive Bayes method can provide accurate and timely information based on data mining results. The result of this study is that an application system for tracking PKH claims has been developed to determine whether a claim is valid or not based on predetermined criteria. The system can recommend actions to PKH participants to keep them on track. From the results of the tests carried out using 500 data, 400 as training data and 100 as testing data, the accuracy of the pattern is 86.00 percent and the error is 14.00 percent.
Keyword*: Decision Support System , Naïve Bayes, PKH*