

ABSTRACT

The Family Hope Program is a program that provides conditional cash assistance to Very Poor Households who have been designated as PKH participants with certain conditions. In the process of determining which residents were entitled to receive PKH program assistance, PKH officers from Pedurungan Tengah Subdistrict found a problem, namely that the process of determining PKH recipients still used manual methods so it took a relatively long time. This research aims to make it easier for PKH officers to determine who is entitled to receive PKH assistance by developing *website*-based software, namely Information System for Determining Family Hope Program Recipients using Naïve Bayes algorithms. This software development uses the ICONIX Process method, which is a lightweight and iterative software development method, combining agile and *user* needs-oriented development aspects. This research produces an application that can provide the benefit of making it easier for PKH officers to collect data and determine who is entitled to receive assistance. This application was tested using black box testing by compiling test item scenarios that suit the use case. The test results show that the application successfully fulfills all test item scenarios.

Keyword : The Family Hope Program, ICONIX Process, website, blackbox testing