

IMPLEMENTASI METODE ANALYTICAL HIERARCHY PROCESS (AHP) DALAM PENENTUAN PENERIMA BDBS

(Studi Kasus : Dharmayukti Karini Cabang Kota Agung)

Oleh

Andhika Fachri Ramadhan (1811050016)

Intisari

Memperoleh pendidikan merupakan salah satu upaya seseorang dalam meningkatkan kualitas kesejahteraan hidup. Namun masih banyak anak yang kurang beruntung memperoleh Pendidikan yang layak. Dharmayukti karini menggagas sebuah program guna membantu menangani permasalahan tersebut. Program tersebut ialah BDBS (Bantuan Dana Beasiswa), BDBS merupakan program bantuan pemberian dana Pendidikan kepada anak dari pegawai golongan 1, kelas 2 dan tenaga honorer. Sistem pemberian BDBS masih dilakukan secara manual, sehingga memerlukan banyak waktu dan tenaga. Berdasarkan permasalahan tersebut, penulis mengembangkan suatu sistem yang dapat membantu pihak dharmayukti dalam melakukan seleksi dan menentukan penerima BDBS. Dalam sistem pendukung keputusan ini penulis menggunakan metode AHP (Analytical Hierarchy Process) dan dalam pengembangan sistem penulis menggunakan metode waterfall.

Hasil implementasi metode AHP dalam penentuan penerima BDBS berbasis website yaitu pihak Dharmayukti karini dapat menentukan penerima BDBS melalui sistem yang sudah terintegrasi satu sama lain, sehingga memudahkan proses mulai dari seleksi berkas, proses perhitungan, hingga penentuan penerima BDBS. Hal ini membuat penentuan penerima BDBS menjadi lebih akurat dan efektif.

Kata kunci : BDBS, AHP, Sistem Pendukung Keputusan

**THE IMPLEMENTATION OF THE ANALYTICAL HIERARCHY
PROCESS (AHP) METHOD IN DETERMINING BDBS RECIPIENTS**

(Case Study: Dharmayukti Karini Kota Agung Branch)

By:

Andhika Fachri Ramadhan

(1811050016)

Abstract

Getting an education is one of one's efforts to improve the quality of life's welfare. However, there are still many children who are less fortunate to get a proper education. Dharmayukti Karini initiated a program to help deal with these problems. The program is BDBS (Scholarship Fund Assistance), BDBS is a program for providing education funds to children from class 1, class 2 and honorary staff. The BDBS administration system is still done manually, so it requires a lot of time and effort. Based on these problems, the authors develop a system that can assist dharmayukti in selecting and determining BDBS recipients. In this decision support system, this study used the AHP (Analytical Hierarchy Process) method. Furthermore, this study used the waterfall method in developing the system.

The result of the implementation of the AHP method in determining website-based BDBS recipients, namely Dharmayukti Karini was able to determine BDBS recipients through a system that has been integrated with each other. Thus, facilitating the process from file selection, and calculation process, to determining BDBS recipients. It made the determination of BDBS recipients more accurate and effective.

Keywords: BDBS, AHP, Decision Support System