SISTEM PENDUKUNG KEPUTUSAN PEMILIHAN PENERIMA BANTUAN PROGRAM BEDAH RUMAH METODE *PROFILE MATCHING* DI DESA KALIKAYEN KECAMATAN UNGARAN TIMUR KABUPATEN SEMARANG
(DECISION SUPPORT SYSTEM SELECTION RECEIVER OF HOUSE SURGERY PROGRAM PROFILE MATCHING METHOD IN KALIKAYEN VILLAGE KECAMATAN UNGARAN TIMUR SEMARANG DISTRICT)

Chabib Fredy Prakoso
Fakultas Teknologi Informasi dan Komunikasi
Universitas Semarang
chabib.fredy@gmail.com

ABSTRACT

Kalikayen village has 930 family and a population of 6,090 people. The number of men in Kalikayen Village is 2,580 people and the number of women is 3,510 people. According to data from the Central Statistics Agency (BPS) in 2015 there were 313 heads of households classified as poor. During this time, the decision of the poor recipients of aid was decided at a selection committee meeting which usually consisted of village head components, village secretaries and hamlet heads. Decisions are made by taking into account the rules or requirements of the recipient of assistance outlined by the central government or regional government, and with other considerations according to the agreement of the committee. The selection committee's decision is valid and can be executed if it has been approved by the committee members. The selection process can be checked through meeting documents and minutes. But a process like this can be considered as a process that does not reflect objective decision making. This study tried to develop a decision support system software that applied a profile matching method to search for or assess the condition of poor people based on certain criteria to be selected for assistance, in this case the Home Surgery Program. The matching profile compares the value of households with criteria such as the condition of the floor, walls, roofs, net income of the family head, number of family members borne, recent education and age of the family head. By implementing decision support system software, it is expected that the Kalikayen Village government can be easier, more flexible and more objective in determining the recipient of a home surgery program.

Keywords: Profile Matching, Decision Support System, Home Surgery Program.

ABSTRAK

Desa Kalikayen mempunyai 930 kepala keluarga dan jumlah penduduk sebesar 6.090 orang. Jumlah laki-laki Desa Kalikayen adalah 2.580 orang dan jumlah perempuan adalah 3.510 orang. Menurut data dari Badan Pusat Statistik (BPS) tahun 2015 terdapat 313 kepala keluarga yang tergolong dalam status warga miskin. Selama ini, keputusan warga miskin pemerima bantuan diputuskan dalam rapat panitia seleksi yang bisanya terdiri atas komponen kepala desa, sekretaris desa, dan kepala dusun. Keputusan diambil dengan memperhatikan peraturan atau persyaratan penerima bantuan yang telah digariskan pemerintah pusat atau pemerintah daerah, dan dengan pertimbangan lain sesuai kesepakatan panitia. Keputusan panitia seleksi sah dan dapat dieksekusi apabila telah disetujui oleh anggota panitia. Proses seleksi dapat diperiksa melalui dokumen dan notulen rapat. Tetapi proses seperti ini dapat dianggap sebagai sesuatu proses yang tidak mencerminkan pengambilan keputusan yang objektif. Penelitian ini mencoba mengembangkan perangkat lunak sistem pendukung keputusan yang menerapkan metode *profile matching* untuk mencari atau menilai kondisi warga miskin berdasarkan kriteria tertentu untuk dipilih memperoleh bantuan, dalam hal ini Program Bedah Rumah. *Profile matching* membandingkan nilai rumah tangga dengan kriteria antara lain kondisi lantai, dinding, atap, penghasilan bersih kepala keluarga, jumlah anggota keluarga yang ditanggung, pendidikan terakhir dan usia kepala keluarga. Dengan menerapkan perangkat lunak sistem pendukung keputusan diharapkan pemerintah Desa Kalikayen dapat dengan mudah, lebih fleksibel dan lebih objektif dalam menentukan penerima bantuan program bedah rumah.

Kata Kunci : *Profile Matching*, Sistem Pendukung Keputusan, Program Bedah Rumah