

ABSTRAK

Di era teknologi yang berkembang pesat ini, segala pekerjaan dan permasalahan mampu dimudahkan dengan fungsi – fungsi dari teknologi. Teknologi juga mampu dikembangkan sesuai dengan kepentingan organisasi masing – masing. Industri dan Perdagangan menggunakan teknologi untuk meningkatkan keuntungan bisnis mereka, lembaga ataupun organisasi sosial juga tidak ketinggalan dalam hal pemanfaatan teknologi.

Salah satu contoh konkrit dari permasalahan di organisasi sosial adalah isu bantuan, dalam penelitian ini penulis melakukan penelitian di Yayasan Rumah Impian. Dalam memberikan bantuan akan terasa mudah jika peserta penerima bantuan hanya berjumlah 1 atau 2 anak, namun akan menjadi suatu permasalahan apabila jumlah penerima bantuan berjumlah banyak, sehingga tidak memungkinkan untuk membandingkan satu per satu. Selain faktor jumlah, struktur pendampingan di rumah impian yang terdesentralisasi menambah tingkat kesulitan pemberian bantuan sosial, Yayasan Rumah Impian memiliki titik pendampingan yang berbeda – beda tempat, maka setiap titik didampingi oleh pendamping titik (PIC) dan relawan, artinya pihak pusat tidak mudah untuk mengenali satu per satu anak di setiap titik pendampingan. Tingkat kecepatan dalam penentuan penerima bantuan juga akan menjadi lama, karena menggunakan cara manual, *feeling*, dan perlu banyak melakukan interaksi dengan pendamping titik.

Oleh karena itu dalam tugas akhir ini dibangun sebuah sistem pendukung pengambilan keputusan menggunakan metode *simple multi attribute rating technique* yang diharapkan mampu memberikan rekomendasi terhadap pengambilan keputusan pemberian bantuan sosial di Yayasan Rumah Impian.

Pengujian sistem dilakukan dengan cara membandingkan hasil perhitungan sistem dengan perhitungan secara manual. Selain itu sistem diujicobakan kepada 6 responden dan didapat kesimpulan bahwa sistem ini bermanfaat dengan skor 88% bagi pendamping titik dan 100% bagi ketua yayasan, dan mudah digunakan dengan skor 86.66 bagi pendamping titik dan 85.45% bagi ketua yayasan.

ABSTRACT

In this technological era which rapidly develops, all of works and problems can be facilitated with the functions of technology. Technology can be expanded as according to the importance of each organizations. Industry and commerce use technology to evolve their business advantages. Institution or social organizations are also not left behind in terms of technology utilization.

One of concrete examples of social organization problems are assistance issue. In this reasearch, the writer does the research at Yayasan Rumah Impian Foundation. In terms of giving assistance, it will be easy if the participants of assistance receivers are only 1 or 2 children. However, it will be a problem if there are a lot of assistance receivers, so it is impossible to compare one by one. Aside from the amount of factors, assistance structure at Rumah Impian which is decentralized, increases the difficulty level of providing social assistance. Rumah Impian Foundation has several different assistance spot. Each spot is accompanied by one Person In Charge and some volunteers. It means the central office is not easy to know the children one by one in every assistance spot. The speed level in determining assistance receivers will also take a long time because it uses manual way, feeling, and need many interactions with point of assistance.

Therefore, in this undergraduate thesis, a decision support system was developed by using simple multi attribute rating technique method which is expected to give recommendation to social assistance decision at Yayasan Rumah Impian Foundation.

The system tests was conducted by comparing the result of calculation system and manual calculation. Besides, the system was tested by 6 respondents from Rumah Impian Foundation, it can be concluded that the system is useful with perceived of usefulness score 88% according to assistance spots and 100% according to the head of foundation, this system is easy to use with perceived ease of use score 86.66% according to assistance spots and 85.45% according to the head of foundation