

ABSTRAK

Dalam dunia perusahaan, komputer sangat dibutuhkan dalam perkembangan dari perusahaan atau instansi tertentu. Peranan komputer sebagai alat bantu saat ini sudah tidak diragukan lagi. Komputer seperti yang kita ketahui berguna sebagai media penerima data, penyimpanan data, dan pengolahan data. Peranan komputer juga bisa digunakan sebagai alat bantu dalam proses pengambilan keputusan kenaikan jabatan. Pada setiap perusahaan tentunya terdapat aturan dalam kenaikan jabatan yang masih dilakukan secara manual. Proses pengambilan keputusan kenaikan jabatan yang dilakukan secara manual membutuhkan proses yang lama dan kurang efektif, sehingga manager kesulitan ketika berhadapan dengan banyak dan beberapa alternatif memiliki nilai yang hampir sama satu sama lain.

Oleh karena itu penulis merancang dan membangun alat bantu Sistem Pendukung Pengambilan Keputusan (SPPK) dengan metode ELECTRE. Sistem yang dibangun diharapkan dapat membantu kinerja manager dalam pengambilan keputusan kenaikan jabatan.

Berdasarkan hasil uji coba terhadap 10 responden, sistem pendukung keputusan kenaikan jabatan dengan metode ELECTRE mudah untuk digunakan. Sistem pengambilan keputusan yang dibangun mampu membantu manager dalam pengambilan keputusan kenaikan jabatan sesuai dengan kriteria yang diinginkan. Responden setuju bahwa sistem yang dibangun lebih efisien dan efektif.

Kata Kunci: ELECTRE, Sistem Pendukung Pengambilan Keputusan (SPPK), Sistem Pendukung Keputusan (SPK).

ABSTRACT

In the corporate field, computer is really needed in the development of certain company or institute. Nowadays, the computer's function as an assisting device is already approved. Computer, as we know, is used to be a media for receiving, saving, and processing the data. Computer can also be used as an assisting device in a process of making decision of promotion. In every company, of course there are rules of promotion which are still done manually. The process of making decision of promotion manually needs a long process and less effective, so that the manager is having difficulty when facing lots of alternatives and some of them have nearly same values with one another.

Thus, the researcher designed and developed an assisting instrument called Decision Making Supporting System or *Sistem Pendukung Pengambilan Keputusan (SPPK)* using the ELECTRE method. The system which has been developed is expected to help the manager's performance in making decision of promotion.

Based on the result of the trials to 10 respondents, the supporting system of the decision making of promotion using ELECTRE method is easy to use. The decision making system which has been developed is able to help the manager in making decision of promotion according to the expected criteria. Respondents agreed that the system which has been developed is more efficient and effective.

Keyword: ELECTRE, Decision Support System (DSS)