

ABSTRAK

Sistem Pendukung Keputusan Penerimaan dan Seleksi Masuk Anggota Organisasi dapat dijadikan sebagai pedoman bagi perusahaan dalam menangani proses penerimaan anggota baru. Dengan adanya Sistem Pendukung Keputusan Penerimaan dan Seleksi Masuk Anggota Organisasi, perusahaan maupun organisasi dapat memilih sendiri anggota kerja maupun karyawan yang tepat pada organisasi maupun perusahaan. Selain itu, organisasi maupun perusahaan dapat mengolah data bakal calon atau pelamar dalam suatu *database* sehingga bakal calon tidak menumpuk dalam tempat document sekretaris. Dalam penelitian ini, penulis membahas mengenai bagaimana merancang Sistem Pendukung Keputusan Penerimaan dan Seleksi Masuk Anggota Organisasi dengan menggunakan metode TOPSIS, adapun metode pengembangan sistem yang digunakan adalah *system Development Life cycle* (SDLC) model *waterfall* yang meliputi tahapan perancangan sistem, analisa sistem, perancangan sistem dan implementasi sistem. Sistem ini dibangun menggunakan bahasa pemrograman *Microsoft Visual Basic.net 2010* *database servernya* menggunakan MySQL. Hasil yang dicapai dari penelitian ini adalah sistem pendukung keputusan berbasis program. Dengan adanya Sistem Pendukung Keputusan Penerimaan dan Seleksi Masuk Anggota Organisasi diharapkan dapat membantu devisi HRD dalam perusahaan atau devisi Sekretaris dalam organisasi dalam proses penerimaan anggota baru (*recruitment*), serta memudahkan Ketua Umum Organisasi melihat laporan penerimaan anggota baru.

Kata Kunci : SPK, TOPSIS, *Waterfall*, *Recruitment*

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Supporting System for Decision on Admission and Entrance Selection for Organizational Members can be used as a guide for companies in handling the process of accepting new members. With the Support System for Admission and Admission Selection Decisions for Organizational Members, companies and organizations can choose their own work members and employees for the organization or company. In addition, organizations and companies can process prospective or applicant data in a database so that prospective candidates do not pile up in the secretarial documents. In this study, the author discusses how to design a Decision Support System for Acceptance and Admission Selection of Organizational Members using the TOPSIS method, while the system development method used is the water life model Development System (SDLC) system which includes the stages of system design, system analysis, system design and system implementation. This system was built using the Microsoft Visual Basic.net 2010 programming language database server using MySQL. The results achieved from this study are program-based decision support systems. With the Support System for Admission and Admission Selection Decisions, Organizational Members are expected to be able to assist the HRD division within the company or the Secretary's divisions in the organization in the recruitment process, as well as making it easier for the Chairperson of the Organization to see reports on the admission of new members.

Keywords: SPK, TOPSIS, *Waterfall, Recruitment*