

**SISTEM PENDUKUNG KEPUTUSAN PENERIMAAN PESERTA DIDIK
BARU PADA JURUSAN ADMINISTRASI PERKANTORAN DI SMK
NEGERI 6 JEMBER MENGGUNAKAN METODE SAW (*SIMPLE
ADDITIVE WEIGHTING*)**

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ABSTRAK

Penerimaan siswa baru merupakan kegiatan yang wajib dilakukan oleh setiap sekolah, baik dari tingkat SD, SMP, SMA maupun SMK. Seperti halnya SMK Negeri 6 Jember yang tiap tahun penerimaan siswa baru semakin meningkat peminat yang mendaftar. Sampai saat ini proses penginputan dalam penyeleksian calon siswa di SMK Negeri 6 Jember sering terjadi *redundancy* data (data ganda), hal ini menyebabkan hasil dari poses penyeleksian kurang akurat, maka dibutuhkan suatu aplikasi yang dapat mengatasi masalah tersebut agar dapat memberikan pelayanan yang lebih efisien serta memberikan kemudahan bagi panitia dalam melakukan proses seleksi calon siswa, sehingga dibuatlah sebuah Sistem Pendukung Keputusan.

Hasil dari penelitian Sistem Pendukung Keputusan Penerimaan Peserta Didik Baru Pada Jurusan Administrasi perkantoran dengan menggunakan metode *Simple Additive Weighting* (SAW) yaitu menghasilkan data 72 pendaftar dinyatakan diterima dengan peringkat tertinggi dan tingkat kepresisian yang dihasilkan sebesar 91.6% .

Kata kunci : *Sistem Pendukung Keputusan, Simple Additive Weighting, Penerimaan Siswa.*

**DECISION SUPPORT SYSTEM FOR RECEPTION OF NEW
PARTICIPANTS ON DEPARTMENT OF ADMINISTRATION IN SMK
NEGERI 6 JEMBER USING SAW (SIMPLE ADDITIVE WEIGHTING)
METHOD**

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ABSTRACT

Admission of new students is an activity that must be done by every school, either from elementary, junior high, high school or vocational school. As well as SMK Negeri 6 Jember which every year new students are increasingly increasing the applicants who register. Until now the process of inputting in the selection of prospective students in SMK Negeri 6 Jember often occur redundancy data (double data), this causes the results of the screening poses are less accurate, then needed an application that can solve the problem in order to provide more efficient service and Provide convenience for the committee in conducting the selection process of prospective students, so that made a Decision Support System.

This SAW method provides weighting decision for each attribute. The total score for an alternative by summing the overall multiplication result between the rating (which can cross each attribute) and the weight of each attribute. Decision Support System (SPK) will present the priorities of these candidates, so that will facilitate and assist the school in making decisions

Result of research of Decision Support System of New Student Entrepreneur In Office Administration Department using Simple Additive Weighting method (SAW) that is resulted 72 data of registrant with highest rank and 91,6% of result of precision resulted.

Keywords : *Decision Support System, Simple Additive Weighting, Student Reception.*