

**RECOMMENDATION SYSTEM OF STUDENT'S MAJOR
SELECTION USING THE SAW METHOD
(Case Study: SMKN 1 Tanjungpinang)**

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ABSTRACT

All students who have graduated from junior high school, of course, want to continue to a higher level, namely SMK. The number of junior high school graduates who continue to SMK level is not directly proportional to the quota of available seats at the targeted SMK. Based on the results of registration data at SMKN 1 Tanjungpinang, enthusiasts in 2015 reached 300 applicants, while the quota at SMKN 1 Tanjungpinang was only 200 students. It is unfortunate if applicants can be eliminated just because they are not included in the quota. The decision support system for admission of new students uses the Simple Additive Weighting method. This way can simplify selecting applicants who are competent to meet the quota at SMKN 1 Tanjungpinang. So those students who are genuinely competent are selected later.

Keywords: Decision Support System, Simple Additive Weighting, Registration.