

ABSTRACT

Decision Support System for Selection of Informatics Student Specialization Using Simple Additive Weighting Method

Syfa Aulia Nur Hakim ¹⁾, Prio Handoko ²⁾, Lathifah Alfat ²⁾

¹⁾ *Student of Department Informatics, Universitas Pembangunan Jaya*

²⁾ *Lecture of Department Informatics, Universitas Pembangunan Jaya*

In the Informatics study program, Universitas Pembangunan Jaya (UPJ) there are groups of areas of specialization. In choosing a specialization group, students often experience difficulties because they cannot determine the field of specialization according to their potential, choosing with subjective considerations because of friends, so that often happens when choosing a specialization field. To assist students in choosing the field of specialization, the researcher makes a decision support system for the selection of the field of specialization by processing data using the simple additive weighting method. The criteria taken for the calculation are the value of the course and the value of the basic test results. The method applied by the researcher in the preparation of this final project uses the waterfall method. The result of the conclusion is that during the website test simulation, the accuracy rate is 75%, this is because the basic test value affects the calculation using the simple additive weighting method.

Keywords: *Decision Support System, Interests, Simple Additive Weighting (SAW)*

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