

**Sistem Pendukung Keputusan Pemilihan Bidang Studi Di Perguruan Tinggi
Menggunakan Metode *Simple Additive Weighting* (SAW) Berbasis Web**
*(Selection Decision Support System Field Studies in Higher Education Method
Using Simple Additive Weighting (SAW) Web-based)*

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ABSTRACT

Selection Decision Support System Field Studies in Higher Education Method Using Simple Additive Weighting (SAW) is a Web-based system that can help the user / user in selecting and determining the field of college study in accordance with the criteria set by the system, namely the value of the results of national examinations and students' areas of specialization results. The experiment was conducted using the Waterfall method and calculations performed in data processing system of criteria is Simple Additive Weighting method (SAW). And this system is used in the construction of tools UML (Unified Modeling Processing) which consists of a diagram Use Case Diagram, Activity Diagram, sequential Diagrams, Statechart Diagrams and Class Diagrams. And for the language used in the manufacture of this system is the programming language PHP using Dreamweaver CS5.

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