ABSTRACT

DECISION SUPPORT SYSTEM USING THE BEST SELECTION OF STUDENTS USE SIMPLE ADDITIVE WEIGHTING METHODE IN EDUCATION SQUADRON 204 SULAIMAN AIR FORCE BASE BANDUNG

BY

ZAKY SATRIO WIJAYA
10106463

Decision making is a process of selection of alternative actions to achieve a particular goal or purpose. Decision making fors the best student in Education 204 Squadron carried out a systematic approach to the problem through a process of collecting the data into information and coupled with the factors to consider in making decisions.

On a decision-making process, decision makers are often faced with various problems arising from the diverse criteria. As a practical example, Instructor in Education Squadron 204 often face difficulties in setting priorities in the decision making process and policy on the selection of his best students. related matter, a decision support system can be used by instructors in the processing of data to facilitate decision-making process, combined with the method of Simple Additive Weighting(SAW) in the system, then they can integrate with each other, so as to resolve the issue.

After alpha and beta testing,it can be concluded that functionally the system was able to produce the expected output.Almost the system functionally easy to use by instructor in processing student data and is enough to help the authorities in Education Squadron 204 in determining the best student

Key words: Simple Additive Weighting, Decision Support System,The Best Selection of Student