

ABSTRACT

Basically the decision-making system is a systematic approach to the nature of the problem, gathering the facts, determining which of the alternatives facing mature, and taking action according to the calculation is the most appropriate action. In short the system facilitates the user in making decisions to minimize aspects of personal intuition and replace it with the use of scientific methodology in the process. There are several methods commonly used in the decision-making system. Two of them are AHP (Analytical Hierarchy Process), and MAUT (Multi-Attribute Utility Theory). AHP is a method of breaking down the complex situation, unstructured, into its component parts. While the MAUT is Specifying the dimensions of the problem, where the decision maker must evaluate each alternative criteria specific compound.

In making a decision courses that will be taken when the college, there are many parameters that play a role there. Each parameter has a different weight with other parameters. Such parameter values as high school subjects, elective courses, and others. With a system perkomendasaan this course can facilitate the user to decide which course is taken by using a scientific methodology approach, thereby minimizing the element of personal subjectivity.

Key words: Courses, AHP, MAUT