

The Web

Its Utilisation, Evaluation
and Security

Media Anugerah Ayu



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Editor

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4. WEB-BASED AHP SYSTEM

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ABSTRACT

This chapter discusses about the development of a web-based multi criteria decision making system which implements Analytical Hierarchical Process (AHP) method in order to give the best decision/choice to decision makers. It is believed that such system will be able to offer more accurate and acceptable result based on a number of criteria and alternatives that the user has provided. The main objective of this chapter is to provide an understanding of how such a system is build and some idea on how actually Analytical Hierarchical Process is being implemented in the system. It is hoped that after reading this chapter, readers will get the general concept and idea on how similar systems work and function in the future.

4.1 INTRODUCTION

4.1.1 *Problem Background*

Sometimes, any user who wants to make a decision might face some problems to make a decision. If the decision makers have several alternatives, then they have to find out the most important criteria in order to evaluate all the alternatives which lead to the final decision. Evaluating the alternatives based on the criteria requires decision makers to understand the decision making method in order to get a consistent decision which satisfies the decision makers' goal. The best method to be used to solve such a problem is