

ABSTRACT

Lake Side coffee shop is one of the coffee shops located at Telkom University, basically an alternative menu recommendation system will be developed using the Analytic Hierarchy Process (AHP) method. In this research, the recommendation system developed aims to develop using the Analytic Hierarchy Process (AHP) method to determine the best menu alternatives in coffee shops. In this research, observations will be made of several factors that will influence the stock in the coffee shop by making several determinations on these factors. With the hope of finding and determining various criteria that will be considered in the process of determining the best available menu alternatives. By using the AHP method in this research, we can determine the weight of each stock in relation to the criteria and sub-criteria that have been determined. The application of this research method also provides a value or level of weighting for each predetermined criterion and sub-criteria value. Next, a calculation stage is carried out which produces priority values for each criterion and sub-criteria. The result of this research is an alternative menu recommendation system using the Analytic Hierarchy Process method in coffee shops which can provide the best menu recommendations based on existing criteria in stock qualification by considering predetermined factors. Basically, after applying the AHP method to this recommendation system, it is hoped that it can help manage stock of the best menus and can increase efficiency in the use of resources and raw materials in coffee shops.

Keywords : recommendation system, analytical hierarchy process, coffee shop