

ABSTRAK

TITLE : **IMPLEMENTATION OF THE ANALYTICAL HIERARCHY PROCESS (AHP) METHOD IN THE WEB BASED DECISION SUPPORT SYSTEM OF FOOD ASSISTANCE RECIPIENTS**

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The social service is the implementing element of government affairs in the social sector and empowerment of rural/urban communities, the social service has the task of assisting the mayor in carrying out government affairs and assistance tasks, Non-Cash Food Assistance is food assistance provided by the government to the poor in Indonesia, The Fifty Cities District Social Service Office is still making decisions manually or checking the aid proposal documents and matching them with the existing criteria one by one without using an accurate system. This study aims to improve the quality of decisions, so it is necessary to design a decision support system that functions as a solution to the old system which still has weaknesses. , age, dependents and occupation. This research uses the Analytic Hierarchy Process (AHP) method, this method was chosen because it has advantages in terms of the decision-making process and accommodation for both quantitative and qualitative attributes and is also able to produce more consistent results compared to other methods. other methods, the decision support system that has been built has answered the information needs with the aim of providing a decision on the recipient of assistance in which there are criteria, alternatives, and input value data from the user which becomes the material for calculating alternative rankings. This AHP decision support can and is able to provide recommendations for beneficiaries to prospective recipients using criteria as initial input in the AHP method process, for the criteria value and consistency test against the pairwise comparison matrix, the CR value is less than 10% so that the value of the criteria obtained is declared consistent, After that, a comparison of alternative values is carried out, and the process of ranking prospective beneficiaries is carried out from the highest reference value to the lowest.

Keyword : DSS, AHP, PHP, BPNT, Web.