ABSTRACT

DEVELOPING DECISION SUPPORT SYSTEMS IN HUMAN RESOURCES PT. CILEGON FABRICATORS

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Development, the existence and the need for information technology are now very rapidly. one of the use of information technology is to support appraisal performance among companies. PT. Cilegon Fabricators is a company which engaged in the field of stainless steel construction that located at Bojonegara street, Argawana village, PO BOX 171, Cilegon, Banten 42455. the company provides an assessment of the employee who has completed his work every single day. judgment is given based on the performance rating scale. however, for more specific assessment, the company also implemented three criteria of importance, which are the quality of work, neatness and punctuality.

AHP (Analitycal Hierarchy Process) is a method of decision-making by giving priority choice from many criterias and alternatives assessment. AHP method begins by making of the hierarchical structure of the assessment criteria until the alternative assessments used in the company. then, to give judgment in accordance with the criteria to the employee performance can use MAUT (Multy Attribute-Utility Theory) Method.

Decision support information systems at PT. Cilegon Fabricators with AHP is built with PHP5 programming language and MySQL database, the system runs the intranet area, generates output reports based on the level of employee performance appraisal criteria, the report is expected to be able to help the manager to determine the value of the employee's performance and be able to reference managers in making decisions regarding the value of such performance.

Keywords: Analitycal Hierarchy Process, Multi-Attribute Utility Theory