AN APPLICATION OF RANKING OF MULTI CRITERIA USING PAPRIKA METHOD
FOR SELECTION AND RECRUITMENT
(CASE STUDY : PT PEMBANGKITAN JAWA BALI)

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ABSTRACT

Human Resources (HR) is one of assets that plays an important role in government, private companies, and educational institutions that needs to be managed well. One way to manage these human resources is to do a proper position selection that accordance with the required criteria. The selection is intended that the vacant positions are filled by employees who have competence and capabilities in accordance with their position. This selection aims to rank and select employees who have appropriate skills to his position.

Currently, the selection & recruitment process of PT. PJB as the case study is still being done manually without an application. Moreover, there is no ranking of the selected employees. As a result, the selection process takes a long time.

The purpose of this final project is to develop an application of ranking based on multi criteria using Potentially All pairwise rankings of all possible Alternatives (PAPRIKA) method. The case study employed in this final project is PT. Pembangkitan Jawa Bali. In practice the PAPRIKA method compares all possible pairs that occur on the criteria used in the related
case study, then takes the decision of the decision maker to determine which criteria are preferred more than the other criteria. Based on that decision, Paprika methods applied and modeled into the existing problems. Results from the application is the ranking of the employees shown in web-based, that is expected to simplify the management company to take decisions in determining the proper and competence employees for certain positions.

Keywords: Position selection, Decision Support Systems, Multi criteria, PAPRIKA, Aplication for ranking.