

Abstract

Indonesia Air Force is the soldier that became nation defense tool through the air. Every year, Indonesia Air Force hold an event called personnel recruitment that one of personnel type named Karbol. In the future, Karbol is candidates of officer that become decision maker in every condition of Air Force events. Despite of existing selection criteria, there are plane crash that indicated some mistakes in perform the work in which human resources are running a job is one of them comes from graduates Karbol. So that conducted a research in selection criteria using AHP as a method in decision making that used by outlining the criteria to achieve a particular purpose and calculating the weight of the criteria. From the data processing using AHP, known that criteria that have the highest priority to lowest is personnality criteria weight 0,24, then psicology criteria and health criteria with same weight 0,24, then academic criteria weight 0,15 and the last is physic criteria weight 0,14. From the results of data processing, we can conclude that the personal criteria of personnel is the most important criteria in the selection of Karbol in region level. Then built an application that is modeled with the DFD and ER and constructed with PHP and MySQL to assist in the selection of candidates Karbol especially at the region level and the selection can be fossilized in the preparation of the necessary criteria in the selection of Karbol in region level that is expected to obtain qualified Karbol candidates. Assessment is done by multiplying the value of the registrant with the criteria and weights that can be known subkriteria applicant with the highest value for acceptance of the recommendations made at the end of the trial so that it can help the obtainment of qualified Karbol candidates.

Keywords: Application, Selection, AHP