

ABSTRACT

Manpower Certification is one of human resource development, increase the standard of manpower competence, and more job opportunity. Manpower Standardization and Certification Organization have function to certify manpower in relation sector through competence test process. In order to that LSSTK have to able to qualified manpower competence appropriate with obtain standards. In the process, LSSTK often have difficulty on manpower certification qualification.

In this final Task built a GDSS software prototype for LSSTK, that is the qualification about manpower certification. This prototype are built based on *Accord* method and *Simple Multi-Attribute Rating Technique (SMART)* method.

From the output of GDSS software prototype, result comparison between SMART method and Accord method is done. From this comparison known that Accord method better than SMART method, cause in Accord calculation involved examiner's knowledge toward the exam subject and examiner's confidence toward participants, and the satisfaction degree toward final result can be known, while at SMART method the calculation based on utility function.

Keyword : GDSS, *Accord method*, *Simple Multi-Attribute Rating Technique (SMART)*.