ABSTRACT

There are several phase in the implementation of Co-operative Education (Co-op) program at PT. Telkom that have to be passed. One of this is the selection stage, which is held in two stages, the university stage supervised by the university team (stage-I) followed by the final stage supervised by a combined team of university and the company (stage-II). This final stage includes group discussion test and general interview test.

This final assignment is aiming to built a Group Decision Support System (GDSS) software prototype which helps Co-op organizer in PT. Telkom in supporting decision making. Decision making process uses Accord and MAUT method, where the consensus level/rank of Co-op paricipant is determined based on the evaluation result of the Accord method.

The test result of this GDSS software is concluded by comparing GDSS result with sample data from general interview Co-op participant selection test in PT Telkom at year 2004. The percentage of accepted participant candidates based on sample data in Bandung area is 71.25 %, while the percntage in GDDS is 67,5 % from a total of 80 participant had been evaluated. In Jakarta area based on sample data data the percentage is 30,77% wile the percentage in GDDS results 35,9% from a total of 39 participants that had been evaluated.

This software is implemented using the web technology based on PHP programming language, with Oracle8 Enterprise data server and apache web server.

Keywords : GDSS, Accord, MAUT, Co-op, prototype.