

ABSTRACT

Visits and outreach to high schools is one of the annual work program that is routinely carried out by the University of Telkom Bandung in order to provide information and encourage students to continue their education at the University of Telkom Bandung. The high number of school-high school in Indonesia make this work program encountered obstacles or problems that is about the determination of the schools that will be visited and held socialization considering not possible visits and outreach to the entire school-high school in Indonesia simultaneously in one period work program. A decision support system (DSS) using analytical hierarchy process (AHP) could be one solution that is appropriate to determine the schools that will be visited. Supporting data needed to help the system design process. The data in the form of data on enrollment, provincial, distance, transportation and school status. All of this data will be processed and will be entered into the database system. Once complete data subsequently perform calculations in accordance flow calculation method of AHP to get the final result of the ranking of schools that will become a reference for the University of Telkom in implementing the work program of the visit and socialize. Once the application form to the tests and the results obtained: the system successfully perform calculations correctly according to the manual calculation is made, we process and compute all the data in the database without any mistake or error and the overall performance of the system is said to be quite good.

Keywords: visits and outreach to high school, decision support systems (DSS), and the analytical hierarchy process (AHP)