ABSTRACT

Unit Kegiatan Mahasiswa (UKM) is a place that serves to accommodate the talents, interests, specific expertise of the members who joined in the student. Prior to joining in particular SMEs, students should be keen in choosing and determining which SMEs should be taken, because the students are expected to actually be able to develop their soft skills based on their interests and talents which will be useful also when it entered into the working world.

To help with the selection of appropriate UKM, it will build a decision support system whose output is an alternative recommendation for students UKM IT Telkom. In this case study method of Fuzzy-AHP and SAW used with both combined, analyzed the weights of the criteria to ranking the alternatives, so that the obtained results that match the alternative recommendation of UKM.

After implementing, the system get the best comparation matric combination which are 2 and 4 with the accuracy is 65 &. These combination will be implemented to the students who will be given the UKM recommendation.

Keyword : UKM, Fuzzy AHP, SAW