ABSTRACT

Institutions of higher education, especially university scholarships are offered to students, one of whom was offered a scholarship at the University of Telkom. Scholarships are offered from the government or private parties. To get the scholarship it must be conducted in accordance with established rules.

In order for the scholarship selection process is accurate then it is necessary to build a decision support application that can facilitate the registration of candidates for scholarships and determination on receipt of a scholarship by using Simple Additive Weighthing (SAW) often known as a weighted summation method.

The basic concept Simple Additive Weighthing method (SAW) is looking for a weighted summation of rating the performance of each alternative on all attributes. SAW method requires the decision matrix normalization process (X) to a scale which can be compared with all the rating alternatives.

Keywords: decision support system, simple additive weighthing, scholarship