

## ABSTRACT

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*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 weighing, scholarship*