ABSTRACT

Motorbikes are a basic necessity for the community. Motorbikes function as a support for daily activities such as going to work, going to school, as a support for the smooth running of business and various other activities. However, choosing the right motorcycle according to consumer needs, motorcycle specifications and the right price is not easy. One way to help potential buyers determine which motorbike to buy according to their needs is with a decision support system. Decision support systems are designed to support all stages of decision making starting from identifying problems, selecting relevant data and determining the approach used in the decision-making process to evaluating the selection of existing alternatives. The method used in this decision support system is Simple Additive Weighting (SAW). This system makes it easier for users to choose a motorbike and is able to provide recommendations in choosing a motorbike as desired.

Keywords: Motorcycle, System, Simple Additive Weighting (SAW).