

MOTOR SPORT RECOMMENDATION SYSTEM USING WEB-BASED SAW METHOD

WIKAMAR AKRAB

Informatics Study Program, Faculty of Science and Technology

University of Technology Yogyakarta

Jl. Ringroad Utara Jombor, Sleman, Yogyakarta

E-mail : akrab32veranda@gmail.com

ABSTRACT

There are many large automotive manufacturers in Indonesia, especially motorcycle manufacturers such as Yamaha, Honda, Suzuki, and Kawasaki which produce various product variants in the general class such as automatic motorcycles, ducks, and sports. The many types of products, especially sport motorbikes offered to consumers, these products have their respective advantages. This makes consumers have their own choice to buy the right sport motorbike and as desired. Decision support systems are used to help consumers make accurate and targeted decisions. The decision support system used is Simple Additive Weighting (SAW). There are several criteria that are considered, namely the tank capacity, engine CC, price, and the number of cylinders contained in motor sport. The purpose of this study is to design a decision support system for selecting motor sport products using the Simple Additive Weighting (SAW) method on a website basis. The system to be built uses the PHP, HTML, CSS, and Javascript programming languages. Also use MySQL database as database server. The result of the research is that the system built is able to compare which motor sport is the best based on the Simple Additive Weighting (SAW) method.

Keywords: Decision support system, Simple Additive Weighting (SAW), motor sport, website