Sistem Pendukung Keputusan Pemilihan Atlet Pencak Silat Dengan Metode Fuzzy Multi Criteria Decision Making (*Decision Making System for Choice Athlete Pencak Silat With Method Fuzzy Multi Criteria Decision Making***)**

Pembimbing (1 orang)

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ABSTRACT

Pencak silat is one of the pearls in the rich culture of the archipelago. This research was conducted by one of the pencak silat schools, namely Kelatnas Perisai Diri Jember Branch, for several months to select competent athletes using a decision support system using the Fuzzy Multi Criteria Decision Making (MCDM) method. With 6 criteria as a reference for assessment, namely Speed, Power, Stamina, Agility, Discipline, Movement / Standard Techniques. Each criterion has 5 weights, namely Very Bad, Bad, Medium, Good, Very Good. The result of the decision is called an alternative, there are 3 alternatives, namely Tanding, Serang Hindar, TGR (Tunggal, Ganda, Regu, or called Seni). From the results of this test using 32 athlete data from interviews from the coach, it is known that of the 32 athletes data only 24 athletes are in accordance with the system calculation. The accuracy rate reaches 84,375%.

Keywords: *Website, Fuzzy MCDM, Decision Support System, Codeigniter, MySql, Perisai Diri, Pencak Silat*