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ABSTRACT

THE IMPLEMENTATION OF CASE-BASED REASONING METHOD IN THE CLASSIFICATION OF STUDENTS' PERSONALITIES AT SMP NEGERI 27 SELUMA

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SMP Negeri 27 Seluma is a Junior High School located in Seluma Regency, Bengkulu Province. SMP Negeri 27 Seluma in order to achieve success student so that they have noble character, educators and parents need to understand one important aspect in educating students, namely identifying their personality first. This will make it easier to take the next steps in educating children so they can apply life values well. However, limited space and time for parents makes it difficult for them to consult directly with an expert or psychologist. The implementation of Case Based Reasoning Method in the classification students' personalities at SMP Negeri 27 Seluma was created to serve as a tool in making it easier to find out the personality type of each student at SMP Negeri 27 Seluma based on the characteristics of each student. The system has implemented of Case Based Reasoning Method where the characteristics of each student are multiplied by the weight of characteristics of each personality type, then look at the highest percentage value of each personality type to get the final result of the classification of each student's personalities type. Based on the results of the tests that have been carried out, the functionality of the students' personalities in classification application at SMP Negeri 27 Seluma has run well as expected and is able to provide information on the results of the personality type classification for each student per academic year.

Keywords: Case Based Reasoning Method, Students' Personalities Classification, SMP Negeri 27 Seluma.

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