

ABSTRACT

In the field of psychology, psychological tests are one of the many methods of measuring the personality or interests of an individual's talents and recommend job positions according to personality. Psychological tests still largely use old rules and methods in the process. This is considered less efficient or time-consuming in the process, and there are still many people who are confused with the position of work that suits his personality.

In this study, the authors designed a classification system that can help to know a person's personality type and job position according to his personality. The personality psychology test used is the Edwards Personal Preference Schedule (EPPS). In the use of machine learning with fuzzy methods, Tsukamoto will help to classify recommendations for suitable job positions. The creation of this classification system will display information about EPPS psychological tests, EPPS psychological tests, and test results from users who have completed the test.

The EPPS psychological test system using Fuzzy Tsukamoto's algorithm has a rules accuracy rate with a percentage value of 100% and the accuracy of the system with a percentage value of 87%. For alpha test values get an accuracy rate with a percentage value of 100%. Then it can be concluded that the EPPS psychological test system can meet the desired goal, which is to know the personality of an individual and the position of work that matches the personality.

Keywords: *EPPS Psychological Test, Fuzzy Tsukamoto, Job Position, Personality Type.*