

ABSTRACT

Limitations of space and time when having to consult with an expert in the field of psychology becomes a problem for someone to know their character. Character is very important to be known by everyone to develop themselves based on their strengths. Psychology still uses the old method of making questionnaire sheets which will be filled by objects to be studied and then collected and summed up in value so that it can get a conclusion.

Kraepelin's test application is an application that made with web based to determine a character of someone. It can determine some aspects such as speed, accuracy, stability, and work resistance by analysing the calculation of the Kraepelin test results that have been collected using formulas that are on the aspects assessed. The results of theses calculations will be made based on the output of the results of the user's probability of decision in each aspect by using the naïve bayes method so that it can provide decisions and suggestions that are appropriate for the user.

This application is expected to help users who have limited space and time when they want to consult with expert (psychologists), assisting psychologists in updating old methods of sheets.

Keywords: *psychology, Kraepelin's test, web based, character, naïve bayes.*