

ABSTRACT

Interest and Talent Test is one of the methods and measurement tools in psychology that can help in compiling recommendations for individuals who choose majors or careers in accordance with their interests and potential. Many children still do not know where their interests and talents are, especially children aged 16-20 years. Where at that age they are required to choose majors in their school IPA / IPS if high school and various other majors if their school is vocational. Psychological tests for interests and talents will be the answer to this problem. This study will discuss the design and implementation of the RMIB test to determine the interests of adolescent children, using computer-based applications developed with web-based programming and using the fuzzy method as decision making. This psychological test will measure the interests of teenagers based on occupational ranking parameters. The test question data were obtained from a validated psychologist. This application will notify the user of interest in the type of work as well as advice on the type of work the user is interested in. The result is that the accuracy of this application is 96%.

Keyword : *Psychology Test, Rothwell Miller Interest Blank Test, Computer Based Test, Web, Fuzzy Logic*