

ABSTRACT

Every human being faces various episodes of events that can cause changes in feelings. One of the feelings that can be generated from these events is anxiety. Basically, anxiety is a feeling that is often felt by everyone. But if this anxiety occurs continuously or for a certain period of time, it can cause an adverse response for those who experience it, it can even cause anxiety disorders. Therefore we need an application that can detect these anxiety disorders early to minimize unwanted effects. In making the application, an expert system is used to determine the results of the diagnosis. The expert system requires knowledge that comes from experts or experts in the field of psychology. The data that has been obtained will be processed and the results determined from the classification of types of anxiety using the Naïve Bayes algorithm. Based on the system that has been created, the use of the Naïve Bayes method can be implemented in the expert system for the diagnosis of anxiety. The expert system that has been created has an accuracy percentage of 96%. While the application accuracy is 100% and the results of the validity and reliability test of the application prove that the test results are valid and reliable.

Kata Kunci: *Anxiety, Expert System, Naïve Bayes*