

Abstract

The high number of mental disorders in Indonesia is currently due to the lack of public understanding of these disorders and limited public access to valid information about mental disorders and also the lack of medical professionals who deal with mental disorders, even though mental disorders are a very complex disease in which every type of mental disorder has similar symptoms and there are also different symptoms where the treatment of each type of mental disorder is different, so an ontology-based mental disorder diagnosis system is created which aims to diagnose types of mental disorders with the symptoms suffered by patients and provide information on how to treat them, create a system This goes through several stages from knowledge acquisition, ontology modeling, the inference process so that it can provide results in the form of types of disturbances which will be validated by experts in their fields, this system is tested to answer questions provided according to the selected interruption, the results of this system give whether the user is experiencing the disorder or not.

Keyword : Ontology, Mental Disorder