

Abstract

Tuberculosis (TB) is a direct infectious disease caused by Mycobacterium Tuberculosis. Most of the TB germs attack the lungs but can also attack other organs. TB is the number one cause of death among infectious diseases and the order of the top 10 deadly diseases in Indonesia which causes 100,000 deaths every year. Lack of knowledge of the symptoms of the disease is a major factor in the high number of TB cases. Therefore, it is necessary to have an expert system that can help early diagnose TB disease based on symptoms to get early treatment. In designing this expert system using a method, namely Certainty Factor, is a method that can overcome uncertainty in decision making based on the symptoms that are felt or inputted by the user. This system is web based, so that users can easily access to make early diagnosis and choose the symptoms they feel.

Keywords: tuberculosis, *certainty factor*, expert system, web