

ABSTRACT

Application of Health Recommendations for Disease Prediction is an application that is used to help students to find out the prediction of the disease along with the overall results of the diagnosis obtained based on the perceived symptoms. This application uses the forward chaining method which calculates all parameters associated with the symptoms of the disease. The doctor is one of the most important parts in terms of counsel for complaints. The process contained in it is that doctors must serve complaints with quick response, namely through the application. This application is built in a web version that has several features so that users can get account access according to their respective roles. This web-based application is built using the Waterfall method, using the Hypertext Preprocessor (PHP) and CodeIgniter Framework (CI) programming languages. With the construction of this application, it is possible for students to predict the initial disease and this application can help the admin in managing the examination of the disease in students, doctors can manage consults about student complaints and can help students know the disease and the whole diagnosis results obtained.

Key: health, disease prediction, consultation, application, Framework CI