

ABSTRACT

Poultry is a type of livestock bird group that is used for meat and eggs or fur. Generally a part of the Galliformes order (like chickens and turkeys), and Anseriformes (like ducks). Many poultry farmers have difficulty knowing the disease, both the symptoms, and the prevention solution. This is because the lack of knowledge is very rapid in finding the type of disease in poultry. So from these problems we make an application for the breeders are not confused to know the type of disease that attacks poultry meraka and also can know how to prevent and treatment. In this study, expert disease diagnosis system in poultry was developed using Backward Chaining Method. Previously, early detection and handling of poultry disease in Sumenep district has resulted in a Web-based application that aims to facilitate poultry farmers to utilize expert expertise in the form of an application. The use of such applications will be more practical and efficient when implemented into Web-based applications, in addition to devices already widely owned by most residents, users of these applications can use the application anywhere. Required proper knowledge representation so as to optimize application performance on Computer device. Creation of assets, views, and programs in this application using adobe photoshop, corel draw. The device used for Diagnosis uses a computer. The result of making this expert system is expected to help the users and poultry farmers in performing services and access information related to the diagnosis of poultry diseases. Another purpose of making this system so that poultry farmers are not confused to deal with problems with their poultry such as how to prevent, treat and also know the disease that attacks their poultry.

Keywords: Poultry Disease, Backward Chaining, Web, Expert System.