Sistem Pakar Diagnosa Penyakit Pada Bebek Menggunakan Metode
***Dempster Shafer* Berbasis Web**
(Expert System for Diagnosing Diseases in Ducks Using the Web-Based Dempster Shafer Method).
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ABSTRACT

Duck farming is an alternative source of income that is increasingly in demand by people in Indonesia, both in rural and urban areas. Duck farming business is said to have several advantages over other poultry because it is considered the result of duck production that has a high selling value. However, the obstacle that is often faced by breeders in raising ducks is the emergence of a disease, where there are many types of duck diseases with similar symptoms. While there are still many breeders who do not know the type of disease that attacks and how to handle the disease properly, causing mass deaths and losses. Based on these problems, researchers will build an expert system to diagnose diseases in ducks based on a website. The method used is dempster shader. The output displayed is the diagnosis result in the form of the percentage of possible diseases that attack along with the right way of handling. Based on the results of black box testing, it can be concluded that the system can function properly. In this study, the system accuracy was obtained by 100% with 20 experiments carried out by duck breeders and validated by experts.

Keywords : *Expert System, Diagnosis, Duck, Dampster Shafer*