ABSTRACT

EXPERT SYSTEM TO DIAGNOSIS OF AVIAN DISEASE WEB-BASED

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Growth and development of avian ranging from maintenance, maintenance to the production of meat and eggs do not escape from a variety of diseases. This, result in losses for the owners of these farms.

This expert system development process using the method of acquisition of knowledge with data collection techniques used were interviews, observation and induction rules. While the inference method used in the development of this expert system with forward chaining method and using the method of best-first search. For software development methodology used to use a structured method that is Data Flow Diagram and Entity Relationship Diagram. Programming tools used in this expert system development using Adobe Dreamweaver CS3 while using a MySQL database

Expert system was created aims to assist patients in diagnosing disease early chicken. In this expert system design of the user requesting a response to the symptoms in the suffering, then the output generated by the computer in the form of the possibility of disease experienced by users as well as solutions for treating the disease in chickens

Keywords : *Forward Chaining, avian disease, expert system, PHP,Website*