

# **Sistem Pakar Identifikasi Penyakit Pada Kucing Menggunakan Metode**

## ***Dempster Shafer Berbasis Website***

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### ***ABSTRACT***

*This study aims to develop a web-based expert system to identify diseases in cats using the Dempster Shafer method. The system is designed to assist cat owners in diagnosing illnesses independently, especially when access to a veterinarian is limited. Symptom and disease data were collected from Assya Vet Care Clinic, Surabaya. The Dempster Shafer method is applied to address uncertainty in diagnosis by combining symptom weights. The system includes 10 types of diseases and 30 analyzed symptoms. Testing results show that the system achieves a diagnosis accuracy of 88.5%. This expert system effectively provides initial diagnosis and first aid suggestions for cat owners.*

***Keywords:*** *Expert System, Cat Diseases, Dempster Shafer, Diagnosis, Website.*