SISTEM DIAGNOSIS PENYAKIT KUCING BERBASIS ANDROID MENGGUNAKAN METODE FORWARD CHAINING

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ABSTRACT

Currently, the development of technology is growing rapidly. It can be seen that most human activities require technology to meet their daily needs. Even human needs that can be done by themselves are now met by technology. One of them is an expert system. Cats are one of the most domesticated pets in Indonesia and in the world. We, especially those who record and record cats, must pay attention to the health condition of the cat because it does not rule out the disease suffered by these cats can be contagious. Lack of information about cat diseases and also awareness of the importance of pet cat health has resulted in many cats being not healthy. By using an Android-based application, it is intended that information from an expert will be easily obtained by users, without having to come to an expert/expert who is an expert in his field, therefore to overcome this problem it is necessary to create an expert system capable of diagnosing diseases in cats by looking at the symptoms that exist in cats using the Forward Chaining Method. Based on the results of field tests using the Android-Based Cat Disease Diagnosis System, the results of the proportion of 84.6% indicate that the application is quite effective. The results show that the application of this expert system can increase the effectiveness in the process of diagnosing cat disease.

Keywords: Cats, Forward Chaining, Android, Expert System