Developing an Intelligent Decision Support System for the Diagnosis of Some Children's Diseases

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Abstract

The aim of this paper is to present an intelligent system for the diagnosis of some children’s diseases to help fresh and inexperienced healthcare graduates. This system is based on clinical database, knowledge base and medical image processing. This intelligent system provides a graphical user interface which allows the user to choose among a number of symptoms and input a medical diagnostic image to get the accurate diagnosis.

References


Index Terms

Computer Science

Information Sciences
Keywords

Artificial intelligent, Knowledge base, Image database, Intelligent Systems, Children's diseases.