ABSTRACT

EXPERT SYSTEM OF CHILD DISEASES CAUSED BY VIRUSES DIAGNOSIS WEB BASED

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Childhood diseases caused by viruses are highly vulnerable occur in children, that caused by the immune system that are in the child's body has not been built properly. Most of the parents also often do not recognize the symptoms of disease in the child's body that arises due to virus infection.

This expert system developed to diagnose diseases caused by viral infection of children. From this expert system can provide information about the disease, by definition, treatment and prevention. This expert system uses forward chaining method and the method of Certainty Factor.

Test results of consultation with this system showed that the system is able to determine the disease and its treatment and early treatment should be done, based on the symptoms that previously selected by the user.

***Keywords** : expert system, fordward chaining, certainty factor*