Sistem Pakar Diagnosa Gejala Demam Berdarah *Dengue* Menggunakan Metode *Certainty Factor* Berbasis Web (Studi Kasus Kabupaten Bondowoso)
(Expert System for Diagnosing Dengue Hemorrhagic Fever Using the Web-Based Certainty Factor Method (Case Study in Bondowoso Regency)
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ABSTRACT

Dengue fever is an infectious disease caused by a virus dengue which is transmitted by mosquito bites Aedes Aegypti and Aedes Albopictus. As a tropical country, cases of dengue fever in Indonesia are relatively high. Meanwhile, for some parents who do not understand health, it is difficult to determine whether their family members have dengue fever or not. Based on these problems, the authors designed a dengue fever expert system dengue web based method certainty factor. The output displayed is the result of the diagnosis in the form of a possible percentage of dengue fever dengue who attacked. Based on test resultsBlackbox Testing it is concluded that the system can run well and the results of the system accuracy test are 76% with 25 experiments conducted by user and validated by experts.

Key words: Expert System, Diagnosis, Dengue Fever