

ABSTRACT

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**CHATBOTS APPLICATION FOR DIAGNOSE TOXOPLASMA GONDII
USING AIML (ARTIFICIAL INTELLIGENCE MARKUP LANGUAGE).**

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Artificial Intelligence which it called Artificial Intelligence (AI) had been develop into atechnology that was very helpful even determine the level of performance in the interaction. With the help of AI, work processes that occur and performed by humans can be done quickly and efficiently. The machines had been develop in AI tocreated a system of touch technology to the system than can work and think like humans.

With the use of AI will be created a machine design conversationthat had knowledge about the disease toxoplasma gondii, that to producinginteractiont associated symptoms of toxoplasmagondii.So that, the patient or user conversations was able to get information about disease symptoms of toxoplasma gondii.

Conversation machines called chatbot which was an agent who has some knowledge about the disease problems toxoplasma gondii.Chatbot will accept question about the disease and respond to all the question asked by patients and users. That conversation machines based on AIML (Artificial Intelligence Mark Up Language) which was a structural match to sentence question and answer.

The collection of information begin with determining the specific symptoms in the disease toxoplasma gondii.Then each symptom that was already available was given each question, each question will be made to match the

appropriate answers with accurate facts about the symptoms of toxoplasma gondii.

From the result of a conversation between a patient or user toxoplasma gondii were on questions surrounding the toxoplasma gondii will be analyzed results about the conversation. However, for symptoms that were not yet available in chatbot, the patient or the user can perform additional question at the real facts and information about the symptoms of toxoplasma gondii then the administrator would add knowledge to question posed by users.

Key words : chatbot, toxoplasma gondii, artificial intelligence, aaiml, graph master pattern matching, technology.