

# **IMPLEMENTATION OF A STUDENTS INFORMATION SEARCHING PROGRAM BASED ON NATURAL LANGUAGE PROCESSING CONCEPT**

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## **ABSTRACT**

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Language is the way human communicates with each other. Human learn different languages so they able to communicate with other people. However, human cannot communicate with the machine or computer with their natural language. Therefore, the Artificial Intelligence program was implementing by the researcher to make the machine or computer to understand the human nature language by using the Natural Language Processing concept. In this project, the Artificial Intelligence and Natural Language Processing concept are studied in depth in order to produce the software program that human can direct communicate by using the natural language. Artificial Intelligence is the computer area that studies on how to make the computer knowledgeable and intelligent. However natural language processing is the one of the area of the Artificial Intelligence. Natural language processing is studies on the linguistic of the human language and makes the computer or machine can understand the human language. This project will further implement a student's information searching program based on the natural language processing concept. This program able to translate the user input that it in human language to the computer database language to search the student information