

ABSTRACT

This study discusses the analysis and implementation of Question Answering System using a rule-based method for the Reading Comprehension Test in Indonesian. The system that created will receive a question contains the elements of "SIAPA", "APA", "DIMANA", "KAPAN" and "MENGAPA". In the process of returning the information, those questions will be proceed in the system so system can return the information with answer form according to the question that already input in the beginning. Question query and document will pass preprocessing process that give tokens. Those tokens will be compared and given score according to rule-based method. The sentence which has the highest value according with these rules will be the strongest candidate to be returned as an answer. Experimental results showed that the highest presicion and recall value is achieved by question type "SIAPA" with precision value 85,7% and recall value 92,3%.

Keyword: *Question Answering System, Rule-based method, tokenizer, score.*