

IMPLEMENTATION OF QUESTION ANSWERING SYSTEM FOR DOCUMENT IN BAHASA INDONESIA WITH LIST QUESTION

Agus Umriadi, Julio Adisantoso

Department of Computer Science

Faculty of Mathematics and Natural Sciences

Bogor Agricultural University

julioipb@gmail.com

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Abstract

In the last few years, many studies of Question Answering System (QAS) have been conducted by a number of research groups around the world. Lately, a question is not only presented in the form of factoid questions, but also as a list questions where a question requires more than a single-entity of answer. However, recent development on QAS can only accommodate factoid questions which only require a single-entity's answer. To address this issue, the purpose of this research is to implement QAS for list questions. In order to obtain candidate of answers, heuristic weighting is performed in the passage which is contained on the top n documents. One thousand documents and 40 queries are used in the experiment. The best results of experiment show correctness of 26%, 39%, 36.33% and 70 % for "who", "how many/much", "where" and "when" list questions, respectively.