**Abstract** 

Question Answer System (QAS) or the answering machine, which is one of the

Natural Language processing (NLP) and at the end of the year is becoming more popular.

Given its function as an answering machine, main purpose of QAS is to make easier to get

information. QAS should be able to understand the questions and be able to mapping the user

query with the existing data, so it needs a mechanism that capable of mapping complex data

for easy to access. Therefore chosen ontology as knowledge representation on this system.

Domain used in this system is the location of food in the city of Bandung.

In this book discuss about mapping of the location of where to eat in the city of

Bandung to ontology and processing in the free text questions into the system. Presentation of

food location information from existing data in ontology, and so accuracy. And designed of

ontology proof able to cover food location indicated by the resulting list of query results

corresponding system-defined format and the level of compatibility between a given user

question. All of these results can be performed when the relations in ontology architecture

proved to be consistent.

Keywords: QAS, NLP, ontology

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