Abstract

Question answering (QA) system helps user to find the precise answer of the question articulated in natural language. The most important part of QA system is how the answers are presented to the users where not only how much relevant answer retrieved for the question is important but also how these answers are presented to the users is also important. Augmented reality (AR) can be used as platform or interface to enrich the way how the answers are presented of the questions, where user can feel to be a part of that information deduced from the answer. We have proposed a system where users can ask query in the form of natural language and get relevant information to their queries in the form of different virtual content augmented in their real environment. Semantic matching for user natural language query has been performed efficiently by using ontology. We have limited this work to Hindi and Marathi language.


5. Getting Started with the Metaio SDK, Available at: https://dev.metaio.com/sdk/ (last accessed on June 13, 2015).

Index Terms

Computer Science

Artificial Intelligence

Keywords

Augmented Reality QA, Question answering system (QAS), Question answering (QA), Ontology, Augmented, Augmented Reality (AR), Natural language question answering system (NLQA), Augmented Reality based Question Answering system (ARQAS), Natural language processing (NLP).