Relevant Result Generation by Harvesting Web Information

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Abstract— Multimedia question answering approach has been popular to get information online. The answer of the question is provided in the form of the multimedia. Textual answer is not more informative that's why it will provide the answer in images and video also. Already existing system work only on the narrow domains and it will complex to generalize to handle question. The proposed system does not answer the question directly. It will having the component such as selection of proper pattern of answer, query generation for multimedia search and multimedia data selection and presentation of result. System having the semantic search. Question is ask by the user in the natural language. In question anwer system will check the question by its keywords.

Keywords- *Intellectual Search Engine,Syntatic Search,Semantic Search, Relevant Search.*
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I. INTRODUCTION

Question Answering is included in a information retrieval. It also related to natural language processing. It will automatically answer the question. This question is ask by the user in the form of natural language. This will compare to the keyword search system it will concerned with communication between human and computer system. It included the type of the question [1].

Basically, it found that automated QnA (Question and Answer) forums cannot obtain results that are as good as those generated by human intelligence. Natural Language Processing is used for extracting the question. The question will classify into keywords of the question [3].

NLP start in the 1950s as the intersection of artificial intelligence and linguistics. NLP is the originally distinct from text information retrieval (IR), that were employs highly scalable statistics-based techniques to index and search large volumes of text efficiently: Manning et al1 provide an excellent introduction to IR. With time, however, NLP and IR have converged somewhat [2].

II. SYSTEM ARCHITECTURE

Multimedia Answer Generation is a technique to show the answer in a proper media format such as it will present the answer in the image, video and combination of image or video. It will also provide a textual answer of the question [3]. Multimedia Answer generation technique contains :

- Selection Of Proper Pattern Of Answer
- Query Generation.
- Presentation of Result.

First component of the system is Answer Medium Selection. It will select proper medium of the answer, it will concerns with the query or question of the question.

frequency thus decreases runtime for all computation-bounded programs [6]

1] SELECTION OF PROPER PATTERN OF ANSWER

It determines that which type of the medium will enrich to present the answer of the question. It means that it will analyzed on the user's question or query [4]. By using the answer medium selection which type of medium is needed to show the answer of the question. For example the question like what is java? so, this type of question needed pure textual answer but other question like who is Sachin Tendulkar, it will provide the textual answer with image so it become more informative. System will classify the answers of user's question in the form of text,image or video it's depend on the user's question. It will also classify the question of the user. It will include four classes such as only text, text+image, text+video, text+image+video [7].

2] QUERY GENERATION

In query generation the appropriate query will be generated. It will classify the question or query. There are two steps are involved in query generation. First step is query extraction, In query extraction query will be extracted i.e it will be analysis on the query. Textual question and answer are complex so, it will derive the question into tokens [5]. It will extract the question into form of nouns, verb and adverb [6]. They extract main keywords from the question. After the query extraction the second step is query selection. In query selection the appropriate and informative query will be selected.

3] PRESENTATION OF RESULT

Answer of the question is depends of the user's question. System will present the data in the form of multimedia. It will generated the answer by using the generated query. System will show the answer in text, image and video. It categorized live data through web and present the result. It will show relevant information or data that the user wants [7].
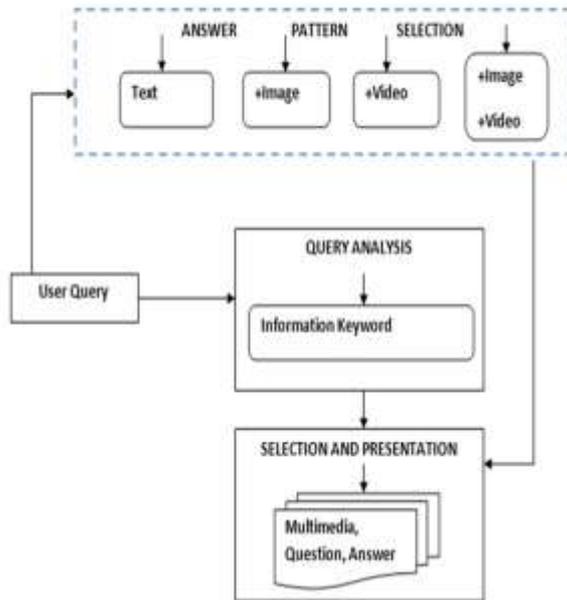

Fig. .System Architecture

III. CONCLUSION

We have presented the Multimedia Answer Generation By Harvesting web information architecture. We describe the multimedia question, answer approach. We generated the proper relevant information to the user. We have present the anwer in the various media format such as image and video. We provide to present the relevant information to the user.

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