AskMe: AI based Requirement Manager

Background:

Have you ever been in a situation when:

- you have lost your minutes of meeting of a Business User Requirement conference call
- you are not able to recall the specifics of a requirement discussed with a business user
- you were unable to attend a meeting - still want to know what all was discussed
- you had a disconnect in requirement understanding by Tech Team vs what Business Unit suggested

To address all of the above and many more issues that we face in the requirement phase of a project development, here we come with an AI based Requirement Manager - AskMe.

Description:

AskMe is a proposed system that will capture all business requirement discussions over email, documents and Conference calls or any other format to prepare a one stop shop for all requirements for an IT system under development,

1. answer any question related to a requirement, be used by its audience like a google search tool

AskMe will use:

- Speech to text translation
- Natural language processing
- Term frequency–inverse document frequency concept
- AI techniques - Classification, Learning by Recording cases , Case Based reasoning etc
- Programming/IT tools

Target Audience :

- IT team
- Business Analyst Team
- QA team
- Project Management

Business Impact :

AskMe is a great help to IT team who is working on a System development . Requirement gathering is the most important step in project development and any pitfalls in Requirement Phase translate to a big impact on the overall cost & quality of the end Deliverable which ultimately impacts the Customer satisfaction.

Hence, AskMe could be leveraged to make the requirement gathering phase more productive and efficient .

Scope :

As we will have limited time to showcase the feasibility of the idea, we can curtail the scope of overall system to small set of items as mentioned below:

1. * Showcase that recorded conversations could be translated to natural language documents
2. * Showcase how a natural language document is translated to a data structure(knowledge base) that could be utilized to index pool of questions
3. * Showcase how different incoming questions from end user are translated to pool of questions that can directly be mapped to the knowledge base