

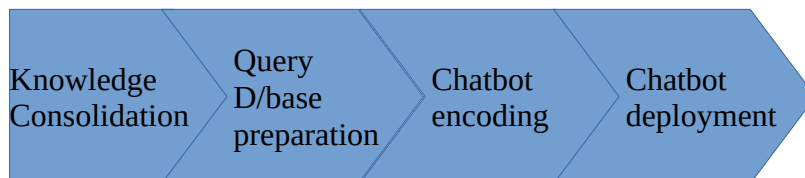
**Proposal: Chat Bot Development
(An Artificial Intelligence application)**

1. Objectives:

- To develop and deploy a chatbot which not only disseminates knowledge and information but also learns from its knowledge gaps and fills them continually.
- To develop an interactive chatbot for a website which can be utilized by website visitors to get their questions answered.
- To develop the interactive component of a website so that users can get their questions answered without human intervention.
- To integrate artificial intelligence into a website through deployment of a chatbot.
- To develop a chatbot for a website which can be utilized to integrate and disseminate domain knowledge and expertise.



2. Development Process:



3. Utility:

- Dissemination of standardized domain knowledge and expertise.
- Dissemination of information to users.
- Dissemination of information to website visitors.
- Chatbot automatically sends query related documents to the user.

4. Applications:

- Customer interface
 - Automated answering of customer queries.



- HR
 - Automated Human resource information dissemination to employees.
- Training
 - Automated dissemination of domain expertise.
- Document dissemination
 - Automated sending of specified documents to users

5. Detailed Development Process:

- Knowledge consolidation:
Consolidation of the knowledge base regarding the in-focus domain. Involves filling of knowledge questions by a stratified random sample of the expert population and interviews of domain experts. Consolidation of the knowledge base and expertise. Verification of the consolidated knowledge base by a committee of experts.
- Query D/Base preparation:
Conversion of the knowledge database into a database of Questions and Answers.
- Chatbot encoding:
Encoding of the Query database into the chatbot and development of the chatbot on a webserver.
- Chatbot Deployment:
Deployment of the chatbot onto a website and its user testing.
- Integrating machine learning into the chatbot:
Designing a system for identifying unanswered questions by the chatbot and integrating the answers into the Query database in order to catalyse continual learning of the chatbot.

6. Pricing:

- Professional Fees: Rs.40,000/-*
- *Query D/base and knowledge consolidation: To be provided by the client.
- Domain Knowledge Consolidation and Query D/base development:
Dependent upon the breadth and depth of the domain.

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* This pricing is valid for 2 months from the date of the proposal.