FAQs for SAMVAAD.AI

1. What is the primary objective of the proposed AI-based interactive knowledge management module for the Indian Navy?

The primary objective is to leverage the potential of NLP and Large Language Models to extract intelligent insights from a wide variety of data sources available with the Indian Navy, improving knowledge management and accessibility.

2. What types of data sources will the AI model be trained on?

The AI model will be trained on diverse data types including documents, images, videos, tables, diagrams, reports, letters, faxes, and proprietary formats available within the Indian Navy's domain. The chatbot is expected to analyze uploaded documents, images, and videos to extract relevant information and provide insights or assistance based on the content provided.

3. Is the solution required to handle scanned documents and non-readable PDF formats?

Yes, the solution should be capable of extracting information from scanned documents, handwritten text and non-readable PDF formats using an integrated OCR solution.

4. What kind of inputs the Chatbot is expected to handle?

The chatbot is expected to handle various inputs including text queries, voice commands, data uploads (documents, images, videos), multimedia inputs, interactive elements, contextual inputs, and feedback/clarifications from users.

5. Is hardware also expected as part of the proposed solution?

The requirement will be to develop multiple models (each one having multi modal capabilities) which will be trained on different category of data and also for each model there will be a dedicated user interface. There will a requirement to have a standalone and cloud architecture solution.

Accordingly, the solution provider will be required to deliver an end-to-end secure software and hardware solution for both the standalone and cloud version. Complete hardware stack is to be provided as part of the proposed solution.

6.   What is the expected response time for user queries in both standalone and cloud solutions?

The response time for queries is expected to be within 5 seconds in both standalone and cloud solutions, ensuring prompt access to information for users.

7.   How many concurrent users, is the cloud solution expected to support?

The cloud solution is expected to support concurrent user access up to 1000 users, with scalable infrastructure to accommodate varying levels of demand.

8.   What are the outputs expected from the chatbot?

Chatbot is expected to have multimodal capabilities. Apart from addressing the text response to queries, it should be able to process and generate multimedia inputs including diagrams, interactive charts, and other visual aids to enhance communication and understanding.

9.   Will the proposed chatbot will have internet connectivity?

The solution being developed is expected to be a completely offline solution running on local servers at Indian Navy premises.

10.   What security measures are expected to be implemented for the solution?

Both the standalone and cloud solutions will undergo security clearance by a CERT empaneled firm and the DIW of the Indian Navy. The solution is to incorporate robust authentication mechanisms, encryption protocols, and adhere to security best practices to ensure data confidentiality and integrity. The application is to include a user authentication mechanism requiring users to log in with a unique ID and password.

11.   Which languages is the chatbot expected to support for user interactions?

The chatbot is to support multiple languages to accommodate the diverse linguistic requirements of users within the Indian Navy ecosystem, including Hindi and English.

12. Will access be provided to Indian Navy's data for training the model?

The supplier will be provided with Indian Navy's data after signing Non-Disclosure agreement. The training of the model is to be undertaken at INICAI premises only and no data will be allowed to be taken out.

13. Is the chatbot solution expected to take data from external websites?

The system is expected to provide provisions for integration with external databases or APIs, enabling seamless access to additional information if required.

14. What kind of feedback mechanism is expected.

The chatbot should have mechanisms to learn and adapt over time based on user interactions and feedback. The system is to incorporate mechanisms for continuous learning and adaptation based on user interactions and feedback to improve its performance over time.