**Reference Data Chat Box**

The Reference data chat box will simplify navigation through extensive wiki pages, reducing time spent searching for specific information and speeding up workflows, boosting productivity and efficiency and facilitating domain knowledge acquisition.

The landing page of the chat interface features a user input field that allows users to submit their questions. Additionally, a selection of sample questions is provided to guide users as they begin their interaction A screenshot of a computer

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The sidebar menu provides access to a user's previous chats, allowing for easy review of chat history. Users also have the option to initiate a new conversation by clicking the "New Chat" button located in the sidebar.A screenshot of a computer

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As the chatbot application initializes, data is loaded into the vector store, which supplies the context required for the chat interface to respond appropriately to user queries.

In the top right corner of the landing page, users can click the settings button to explore the various features available within the chatbot.A screenshot of a computer

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To establish a fresh context for the chatbot, users can delete the existing vector store by selecting the "Delete Vector Store" option from the settings dropdown. This action will clear the current context within the chat interface.

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To introduce new context into the chat interface, users can utilize the "Process PDF" feature, allowing them to upload a document. The data from this document will serve as the context for the chat box in responding to user queries.  
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In situations where users wish to maintain the existing context while expanding the vector store, they can utilize the "Add Text" feature to incorporate additional contextual information.

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After expanding the vector store, users can pose questions to determine if the chatbot can respond based on the newly added context. By selecting the "Ask a Question" option, users will be redirected to the landing page, where they can initiate a chat conversation.

Sample query to the chat box.  
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Architecture Diagram:

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