73
Strings

ASSIGNMENT FOR AI PRODUCT INTERN

This is my detailed assignment submission for AI Product Intern at 73 STRINGS.

REQUIREMENT: ***Vote button for Albus.***

Albus is an AI Chat bot developed by Springworks. It is a tool that assists users by providing answers to their questions with the help of GPT-3.

Albus can be trained by the company to give their employee tailored responses about the FAQs they are having for the company.

TASK: *To design and implement a vote button and an administrator dashboard for albus to improve using feedback from users for fine tuning of GPT-3.*

OBJECTIVE:

A vote feature in an AI Chatbot is an essential part for development, improvement, quality control, testing and bug fixation. A software needs to undergo many changes and a strong feedback mechanism is the base of all. With a vote feature AI Chatbot can be continuously improved and can be tailored for the user.

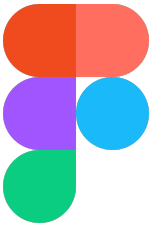
GOAL:

Goal of vote feature is to collect feedback of Albus's response for quality and helpfulness of the response. By providing users with the ability to vote on whether a response was helpful or not, Albus can gather valuable insights into the effectiveness of its interactions.
It helps in:

1. User Feedback: Enable users to provide direct feedback on the usefulness of Albus's responses.
2. Quality Assessment: Assess the quality and relevance of Albus's responses based on user input.
3. Continuous Improvement: Use feedback data to identify areas for improvement and refine Albus's responses over time.

4. Enhanced User Experience: Enhance the overall user experience by incorporating user feedback to tailor responses to their needs and preferences.
5. Performance Metrics: Generate metrics and analytics based on user votes to track Albus's performance and effectiveness.

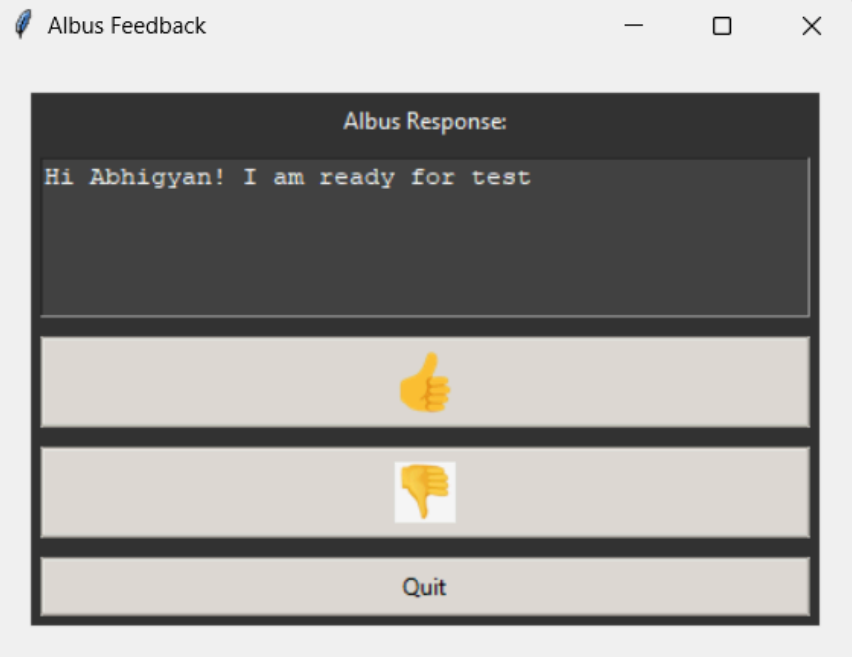
TECHSTACK:

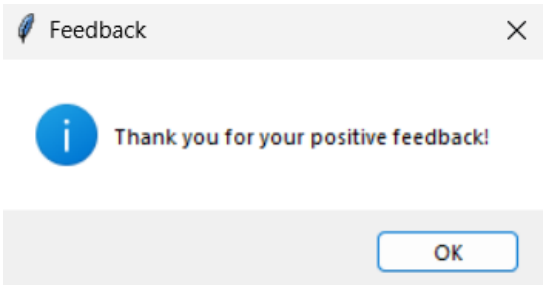
PROCESS:

The vote feature needs to be integrated thoroughly to the Albus. I have created the least basic programme for the same. Using Python as a language, I have created a virtual low level Albus and Administrator Dashboard using Tkinter for GUI and Pillow for Image.

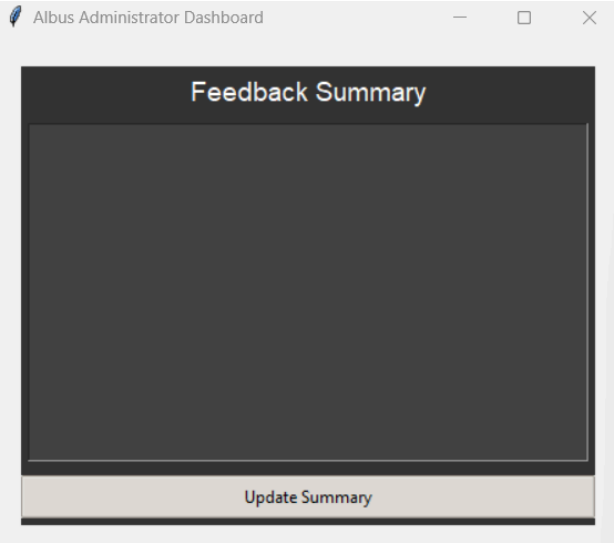
STEP 1: After running the program, Albus generates a prompt *(As this is just a demonstrative program I have tried to create an Albus which just gives a response, and is not actual integration).*



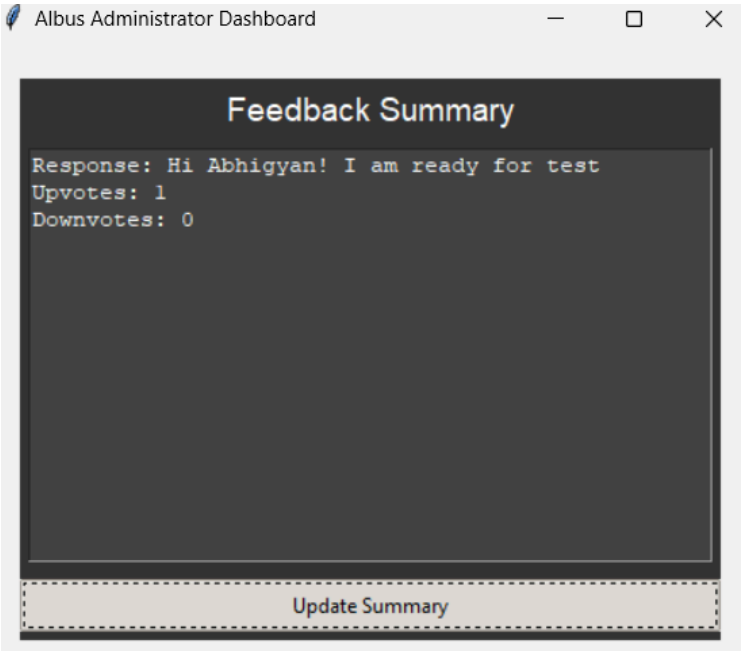
STEP 2: Users give it feedback on the basis of the response. *(Consider I gave a Thumbs-up response)*



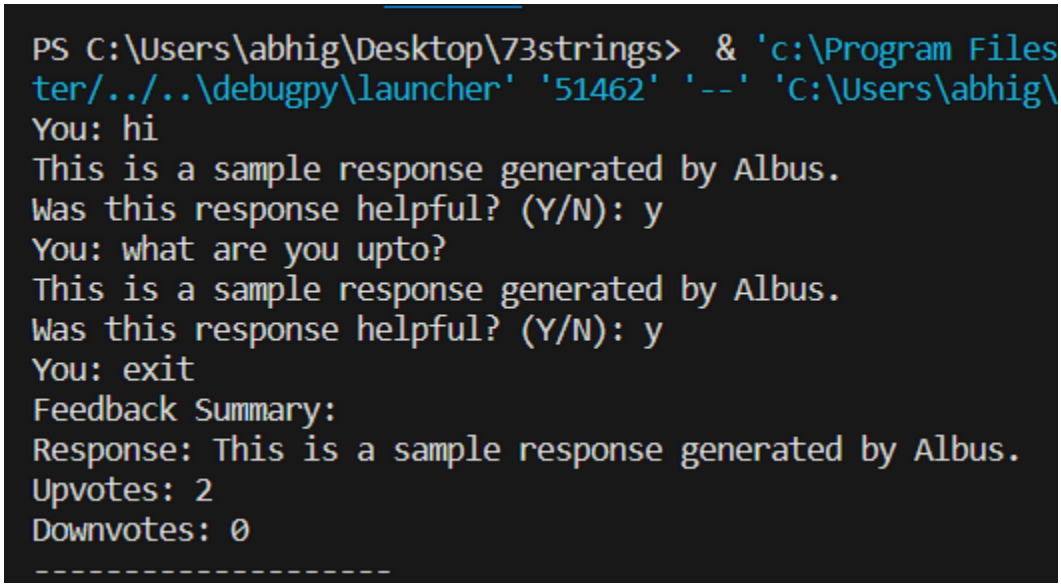
STEP 3: Now we access the administrator console of Albus to see the response recorded from the user.



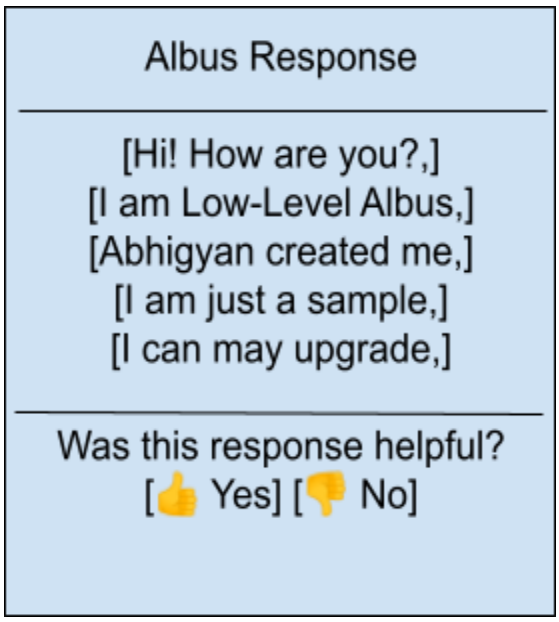
STEP 4: When we click on update. It updates the recorded response. The response from the user is recorded in the format of: Response (From Albus) as *Response*, Total Upvotes as *Upvotes* and total Downvotes as *Downvotes*. In future we can add admin security and scrutiny to make it more secure.

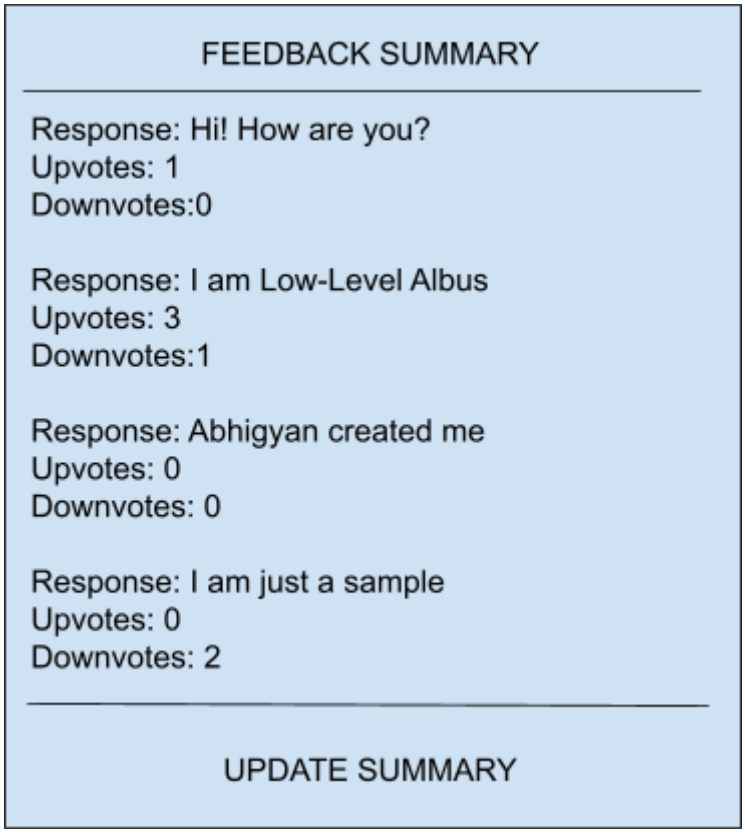


Here is the Output generated by the terminal for further reference on how the virtually created low-level Albus works.



Low-Level Wireframes: Temporary low Level for the above program can be made as.





But for real Albus Low-Level Wire frame may be like