

Python Voice Assistant

Summary:

The Slash Mark Assistant code contains several issues, including potential logical errors, incomplete functionality, and incorrect user input handling.

Steps to Reproduce:

1. Run the program.
2. Interact with the assistant by providing various voice commands.

Expected Behavior:

1. The assistant should respond appropriately to voice commands, performing tasks such as searching Wikipedia, opening web pages, and executing system commands.
2. Responses should be accurate and relevant to the user's queries.
3. The assistant should handle different types of commands gracefully and without errors.

Observed Behavior:

1. The ``voice_change()`` function does not provide proper feedback to the user after changing the voice settings. It should confirm the voice change to the user.
2. The assistant's response to the query **"are you"** or **"who are you"** is hard-coded and lacks flexibility. It should provide a more dynamic and informative response.
3. Some functionality, such as playing music, is incomplete. It opens a web page but does not start playing music automatically.
4. Commands related to opening local disks (e.g., **'local disk d'**) contain typos (**'load disk e'**), resulting in incorrect behavior.
5. The assistant does not handle multiple conditions properly in the elif statement ``elif('are you' in query, 'who are you' in query)``. It should use logical operators like `'or'` instead of commas.
6. There is a lack of error handling for unexpected user inputs or speech recognition failures. It should provide appropriate feedback or instructions to the user in such cases.
7. The **'protect'** keyword is mistakenly included in the query conditions, resulting in unexpected behavior. It should be handled separately if it serves a specific purpose.

Environment:

- Operating System: [**Windows**]
- Python Version: [**Python 3.10.7**]

Priority:

High

Additional Notes:

- Implement proper feedback mechanisms for voice changes and other settings adjustments to enhance user experience.
- Revise the response to inquiries about the assistant's identity to make it more informative and adaptable.
- Complete the functionality for playing music by ensuring it starts playing automatically after opening the specified web page.
- Correct the typos in commands related to opening local disks to avoid confusion and ensure proper functionality.
- Refactor the code to handle multiple conditions properly in if-elif statements.
- Implement robust error handling to deal with unexpected inputs or speech recognition failures gracefully.
- Review and clarify the purpose of the '**protect**' keyword and its associated functionality.