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Systems Analysis.

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Technical report

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General system representation

1. User input
   The user enters a string to interact with the chatbot, making a petition through the console

2. Text preprocessing
   Through the archive training.py the program will transform the input text by the user and make it more smaller dividing it in words (Exception with the signs) and will start to find a possible pattern for a possible question. Of course, to do that the text needs to be transformed in lowercase to avoid errors

3. Processing and decision-making
   Based on the detected words in the input, the chatbot with a series phrases by default in the Json, the chat will choose one of them

4. Response generation
   Following the previous process, the chatbot will choose randomly the answer already made

5. User output
   The chosen response is delivered to the user through the console.

6. User Guide
   The user can interact with the chatbot by the console using the Spanish language (Can be changed in later updates), The user doesn't need to think to carefully, just need to talk like another human or in this case machine.
   The Chatbot right now is limited to what the .Json file teaches.