**Real-Time Medical Information Retrieval Template - README**

This README provides detailed instructions for using the "Real-Time Medical Information Retrieval Template" to answer specific medical inquiries, such as determining the best ADHD medication or other patient-supplied questions. This template is designed to streamline responses for real-time medical information requests.

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**Overview**

The "Real-Time Medical Information Retrieval Template" provides a standardized format for delivering medical information based on patient inquiries. This README will guide users through setting up the template, customizing it for patient-specific questions, and generating accurate responses for medical advice purposes.

**Prerequisites**

* **Text Editor**: Ensure you have access to a text editor for viewing and editing YAML files (e.g., VS Code, Sublime Text, or Notepad++).
* **Understanding of YAML Format**: Basic familiarity with YAML syntax will help in using and updating the template if necessary.
* **Patient Inquiry Data**: Specific details regarding the patient’s question or inquiry to generate a personalized response.

**Setup**

1. **Download the Template**:
   * Save the "Real-Time Medical Information Retrieval Template" file to a local directory. The file should be in .yaml format.
2. **Review the Template Structure**:
   * Open the template file to familiarize yourself with its sections. Each section is designed to collect specific patient information and guide the response generation based on medical inquiry parameters.
3. **Prepare for Inputs**:
   * Decide the main question to answer, which will typically come from the patient. This question will be placed in the response generation section following the setup steps.

**Using the Template**

1. **Open the Template**:
   * Launch the downloaded .yaml template in your preferred text editor.
2. **Input Patient Inquiry**:
   * Navigate to the inquiry or question section within the template.
   * Input the specific question or topic the patient is interested in. For example:
     + patient\_question: "Provide guidance regarding the best ADHD medication to choose."
   * Adjust this field based on the patient’s specific question.
3. **Additional Input Fields**:
   * Populate additional template fields if they are present, such as:
     + **Patient Age**
     + **Medical History**
     + **Known Allergies or Medication Sensitivities**
   * These fields can help tailor the response further to suit patient-specific needs.

**Generating Responses**

1. **Submit the Template in the Chat Prompt**:
   * After preparing the template and ensuring the patient’s question is clearly entered, initiate the query in your chat prompt.
   * Use the following input format in the prompt:

Use the uploaded Real-Time Medical Information Retrieval Template-final.YAML template to answer the following patient-specific question: tell me about high blood pressure and covid

Provide guidance regarding the best ADHD medication to choose or [patient-specific question].

* + Replace the bracketed section [patient-specific question] with the patient's actual inquiry if different.

1. **Receive the Response**:
   * The response will be generated based on the information provided in the YAML template.
   * Review the response to ensure it accurately answers the patient’s question, covering any important considerations or guidance based on the template inputs.

**Example Usage**

1. **Patient Inquiry Example**:
   * Suppose a patient submits the following question:

What ADHD medication should I consider given my sensitivity to stimulants?

1. **Input in YAML Template**:
   * Open the template and add the following to the patient\_question field:

patient\_question: "What ADHD medication should I consider given my sensitivity to stimulants?"

1. **Prompt in Chat**:
   * Use the following in the chat:

Use the uploaded template to answer the following:

What ADHD medication should I consider given my sensitivity to stimulants?

1. **Response Generation**:
   * The output will include recommendations based on non-stimulant options, along with guidance on alternative ADHD treatments.

**Troubleshooting**

* **Invalid Response**: Ensure all necessary fields in the template are completed, especially those directly related to the patient’s inquiry.
* **Template Errors**: Verify YAML syntax. Indentation and formatting must be correct for the template to work.
* **Unclear Patient Question**: If the patient’s question is too vague, clarify with additional context in the template (e.g., specific medication preferences, sensitivities, age).

**FAQs**

* **What if the patient’s question is not related to ADHD?**  
  Update the patient\_question field with the patient’s actual inquiry, regardless of the topic. The template is adaptable for various medical inquiries.
* **How can I input multiple inquiries?**  
  Only one primary question should be entered at a time to maintain response accuracy. Separate questions should be addressed through separate prompt entries.

By following this README, users will be able to use the "Real-Time Medical Information Retrieval Template" to generate patient-centered, real-time responses. Adjust the prompt and input fields to cater to specific patient inquiries, ensuring accurate, medically sound guidance.