**PuruAI/Medini**

**PuruAI/Medini** is a versatile AI assistant deployed on Hugging Face Spaces, designed to assist with various tasks such as summarization, sentiment analysis, translation, and general Q&A. Built using Streamlit and LangChain, Medini offers a user-friendly interface for seamless interaction.

**🚀 Features**

* **Summarization**: Condense long texts into concise summaries.
* **Sentiment Analysis**: Determine the sentiment (positive/negative/neutral) of a given text.
* **Translation**: Translate text between multiple languages.
* **General Q&A**: Engage in open-ended conversations and retrieve information.
* **Short-Term Memory**: Retain context within a session for coherent interactions.

**🛠️ Technologies**

* **Frontend**: Streamlit
* **Backend**: LangChain, Hugging Face Transformers
* **APIs**: OpenAI API, Hugging Face Model Hub

**📦 Installation**

To run PuruAI/Medini locally:

1. Clone the repository:
2. git clone https://huggingface.co/PuruAI/Medini
3. cd Medini
4. Install dependencies:
5. pip install -r requirements.txt
6. Set up your environment variables:
7. export OPENAI\_API\_KEY="your\_openai\_api\_key"
8. export SERPAPI\_API\_KEY="your\_serpapi\_api\_key" # Optional
9. Run the application:
10. streamlit run app.py

**🌐 Usage**

Once the application is running, open your browser and navigate to http://localhost:8501 to interact with Medini. Choose your desired task from the sidebar and start engaging with the AI assistant.

**🔧 Configuration**

The application is configured through the app.py file, where you can modify settings such as:

* **API Keys**: Set your OpenAI and SerpAPI keys.
* **Model Selection**: Choose different models for various tasks.
* **Memory Settings**: Adjust the short-term memory parameters.

**📄 License**

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