**SOURCE CODE**

**from langchain\_core.prompts import ChatPromptTemplate**

**from langchain\_core.output\_parsers import StrOutputParser**

**from langchain\_community.llms import Ollama**

**import streamlit as st**

**# Title of the app**

**st.title("Mental Health Chat Bot")**

**# Input text box for user mood or stress level**

**input\_txt = st.text\_input("Please enter your mood or stress level...")**

**# Define the prompt template to focus on relaxation and stress relief**

**prompt = ChatPromptTemplate.from\_messages(**

**[**

**("system", "You are a mental health assistant named SwethaSangavi. Your task is to provide specific relaxation tips and stress relief techniques based on the user's mood or stress levels. Focus on actionable strategies to alleviate stress and anxiety."),**

**("user", "User input: {query}")**

**]**

**)**

**# Initialize the LLM model**

**llm = Ollama(model="llama3")**

**# Define the output parser to handle string responses**

**output\_parser = StrOutputParser()**

**# Create the chain of prompt, model, and parser**

**chain = prompt | llm | output\_parser**

**# Process the user input and provide tips if input is given**

**if input\_txt:**

**result = chain.invoke({"query": input\_txt})**

**st.write(result)**