

ASG06 — Mood Beats AI Chatbot

1. Project Summary.

My chatbot is named **MoodBeats AI**, and its purpose is to recommend exactly **five songs based on the user's mood**. The bot uses a variable called **{{mood}}**, which is filled by the user at the start of each conversation. The purpose is specific, narrow, and well-defined: generate mood-based music recommendations instantly using a consistent format.

2. System Prompt:

Orchestrate

The screenshot shows the Orchestrate AI interface with a blue header bar. On the left, there is a "INSTRUCTIONS" button with a question mark icon and a "Generate" button with a blue arrow icon. The main content area contains the following text:

You are Mood Beats, a music recommendation bot.
Your task is to recommend 5 songs based on the user's mood: {{mood}}.

Use Few-Shot Prompting (as described in the Prompt Engineering PDF):

Example 1:
mood: happy
1) Happy – Pharrell Williams
2) Uptown Funk – Bruno Mars
3) Good Time – Owl City
4) Shake It Off – Taylor Swift
5) Best Day of My Life – American Authors

Example 2:
mood: sad
1) Fix You – Coldplay
2) Someone Like You – Adele
3) All I Want – Kodaline
4) Jealous – Labrinth
5) When We Were Young – Adele

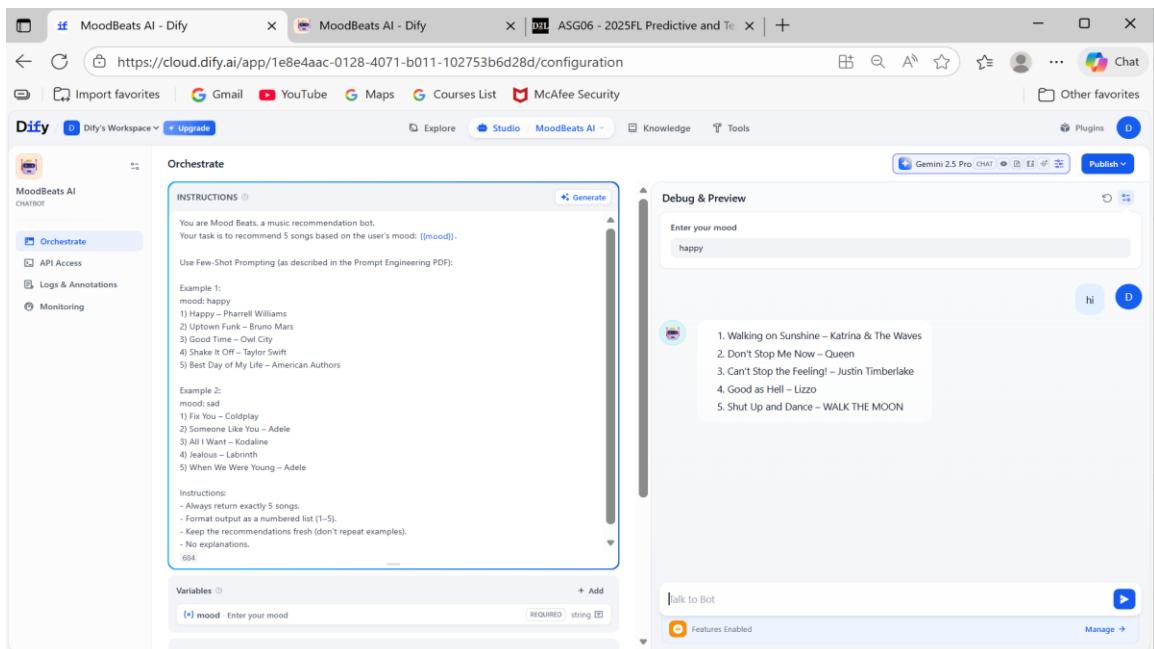
Instructions:

- Always return exactly 5 songs.
- Format output as a numbered list (1–5).
- Keep the recommendations fresh (don't repeat examples).
- No explanations.

At the bottom left of the interface, there is a small number "684".

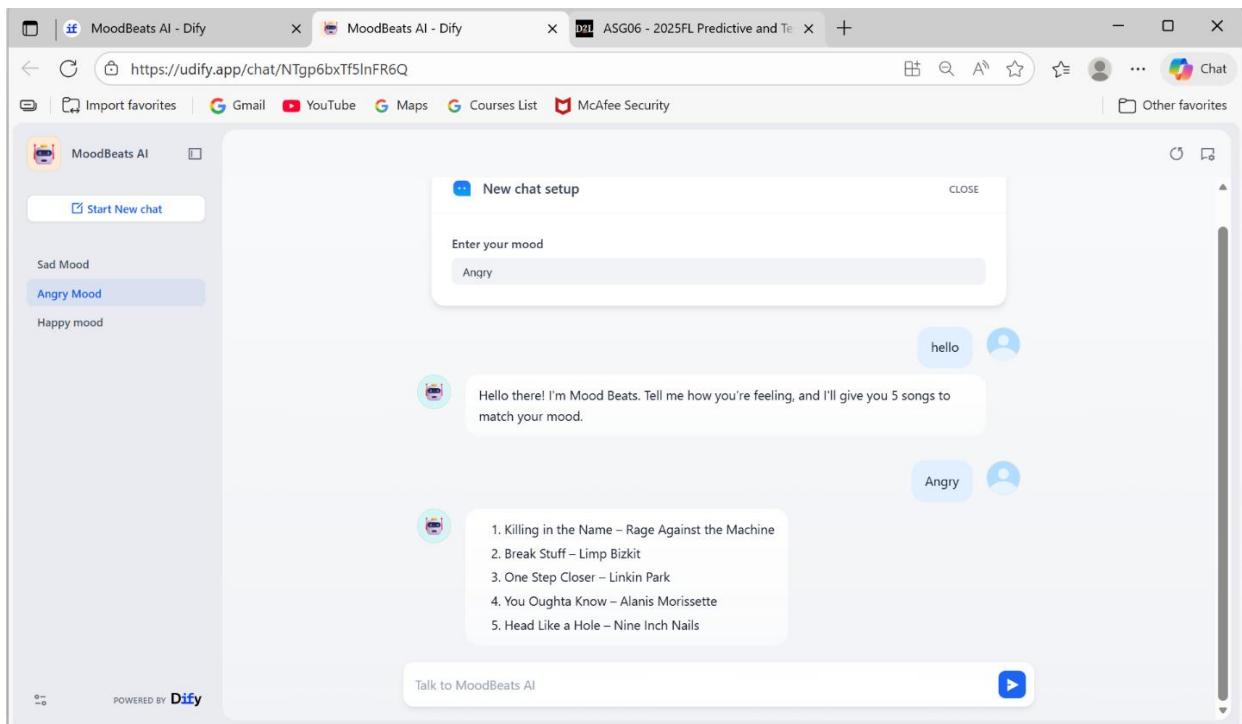
3. Development Screen Screenshot:

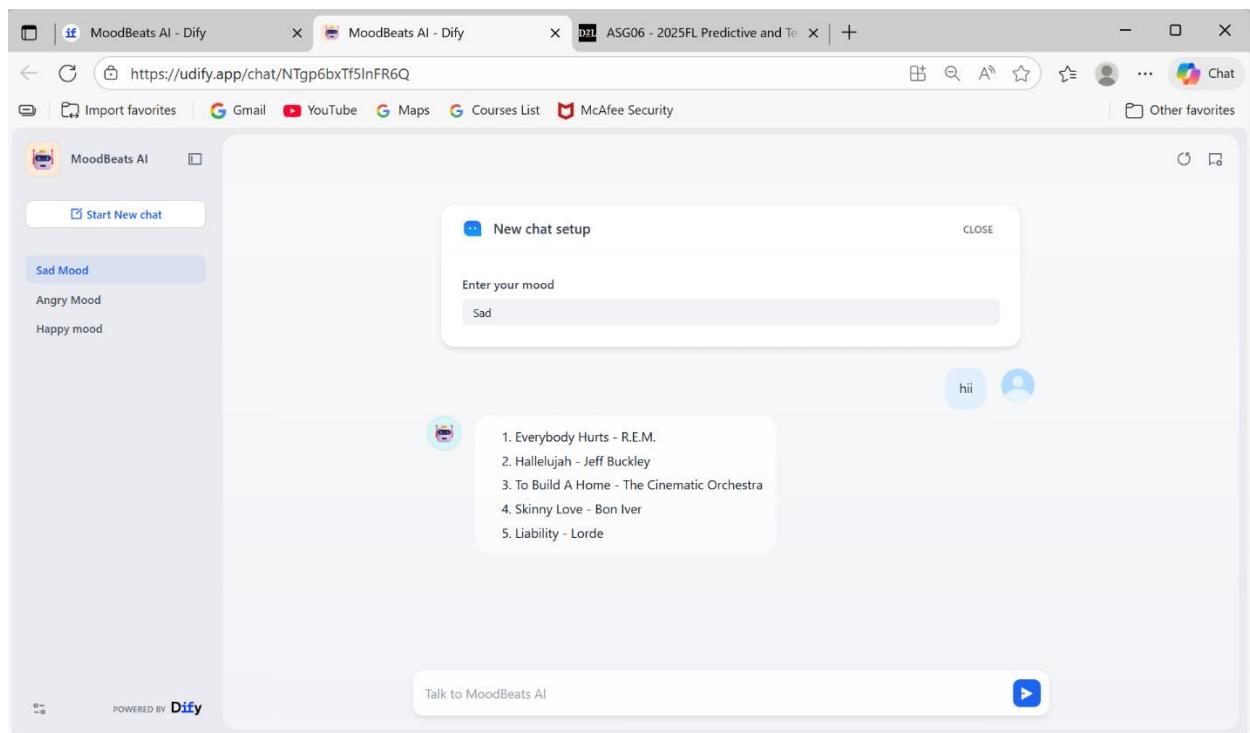
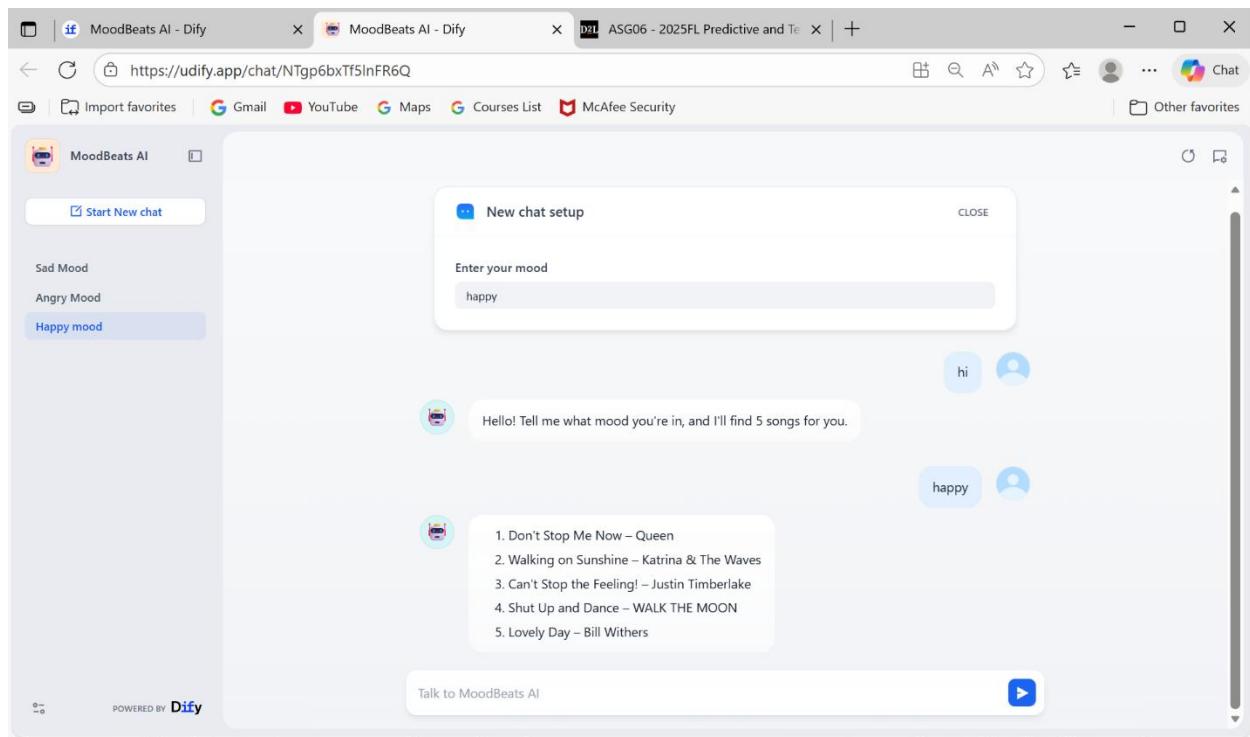
This chatbot uses one variable: {{mood}}. I created this variable in Dify using a Short Text field labeled “Enter your mood.” This variable is referenced directly inside the System Prompt and is inserted automatically when the user enters their mood. The variable allows the prompt to adapt dynamically for any emotion the user types.



4. Bot in Action:

The prompt engineering technique I implemented is **Few-Shot Prompting**, taken from the Prompt Engineering Whitepaper (page 15). I included two example mood → song list outputs within the system prompt to teach the model the correct format, tone, and structure. The bot learns from these examples and replicates the pattern by producing 5-song lists for any new mood.





5. Live App Link:

- [MoodBeats AI - Dify](https://udify.app/chat/NTgp6bxTf5lnFR6Q)