**Localized LLM Aware Semantic Embedding for Mood-Based Yoga Session Recommendation and Report Generation**

**Web Application with database**

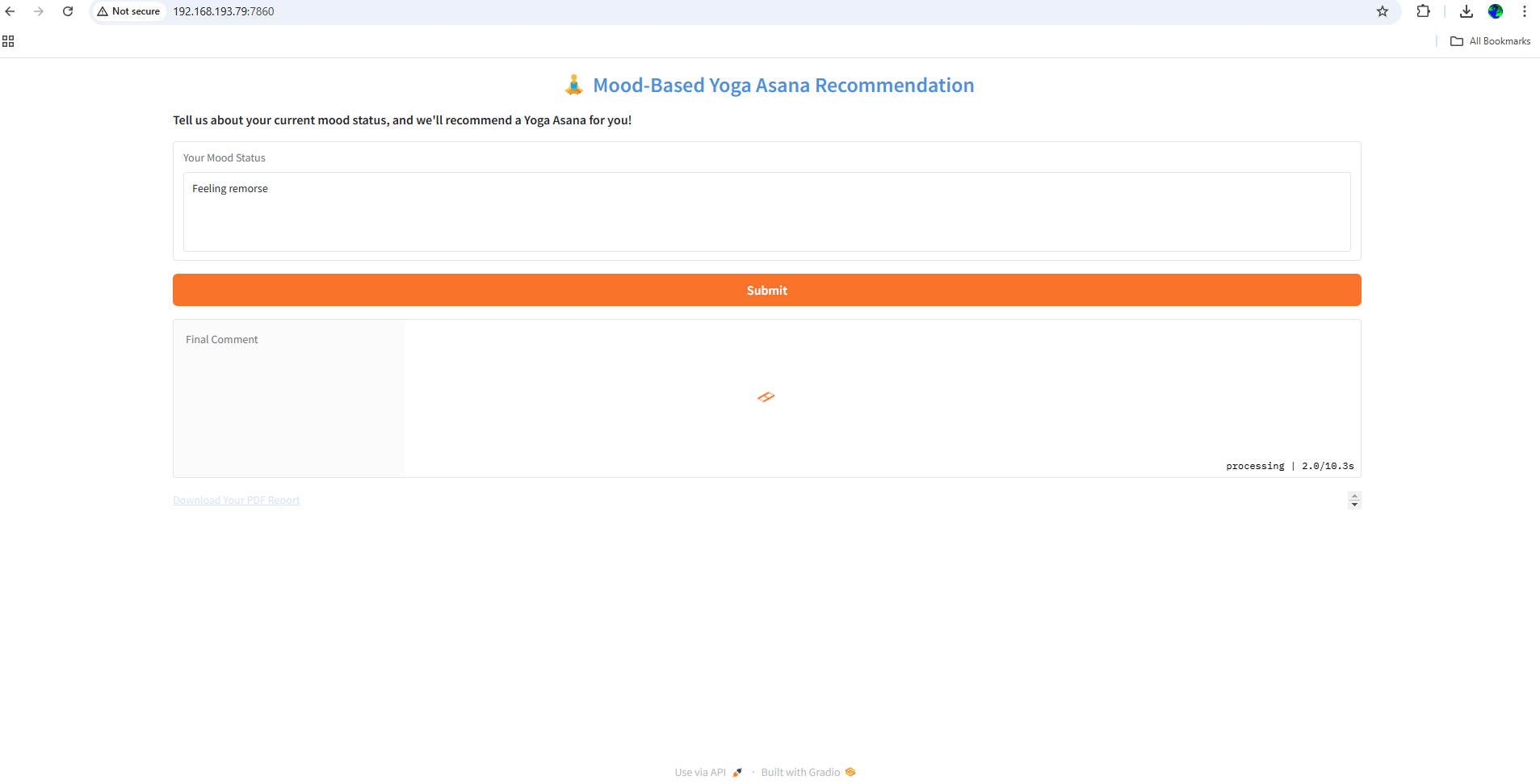
**In one terminal run**

1. python mood\_10.py

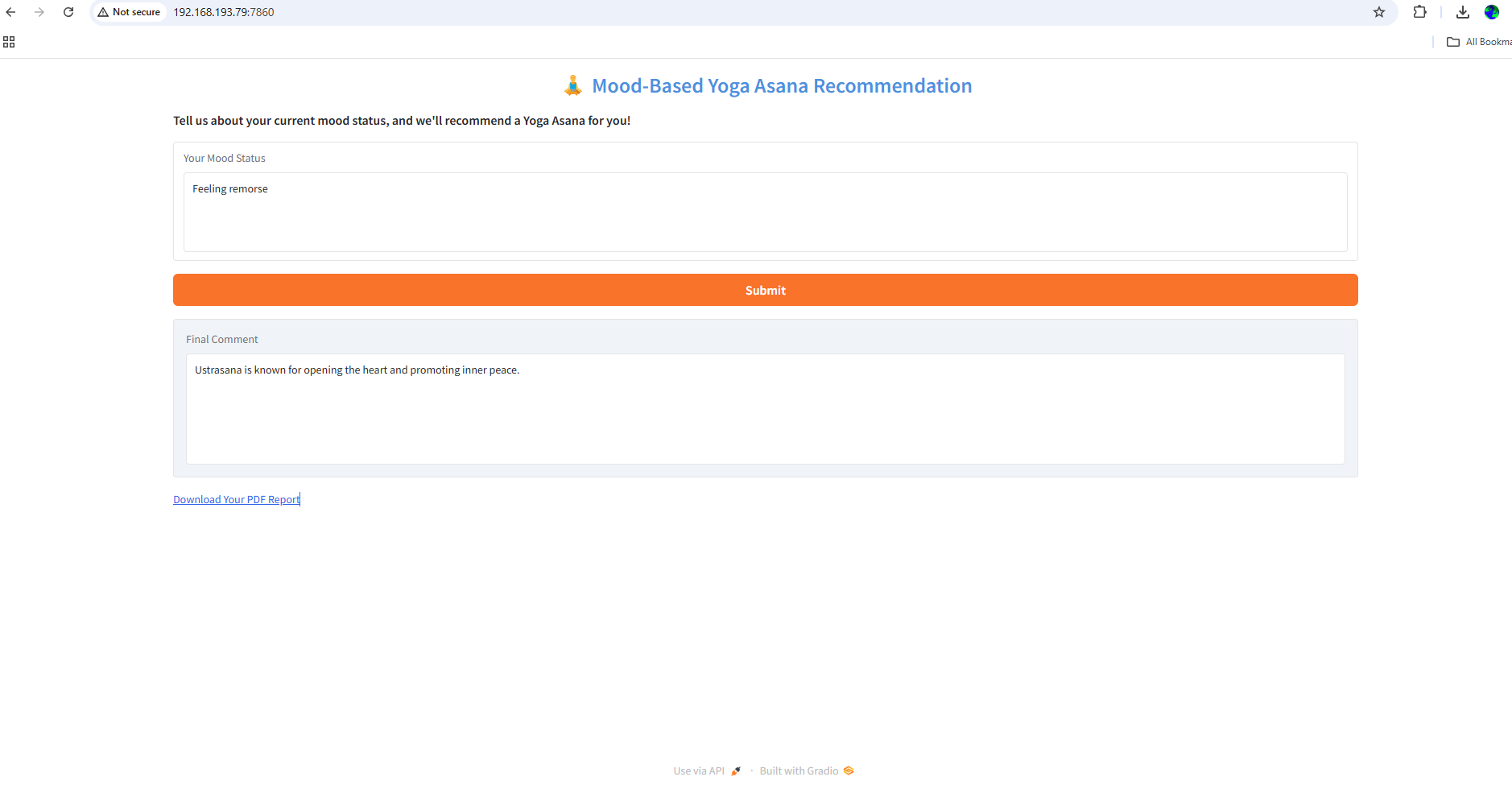
**In other terminal run**

1. Python gradio\_app.py

When ready



When got response



* PDF report download link is available
* Also creates a database “**yoga\_interactions.db**” *with id, timestamp, prompt, final\_response, pdf\_file\_path*
* Also created a **yoga\_asana\_metrics.csv** to save all metrics for analysis.

**Example query to be given as input into the gradio:**

Modify as per **Detailed\_Mood\_Issue**  column of **mood\_asana\_details.csv** file

* I am feeling anxious, nervous, or uneasy often experience persistent worry, restlessness, and a sense of impending trouble.

Match with expected output with **Mood\_Issue** column of respective row from **mood\_asana\_details.csv** file. Expected Asana: Child Pose (Balasana)

* I am suffering from insomnia, sleep issues, or nighttime restlessness often face difficulty falling or staying asleep, leading to fatigue and irritability during the day.

Match with expected output with **Mood\_Issue** column of respective row from **mood\_asana\_details.csv** file. Expected Asana: Corpse Pose (Savasana)

* I am dealing with lack of focus, distractibility, or mental fog struggles to concentrate and process information effectively.

Match with expected output with **Mood\_Issue** column of respective row from **mood\_asana\_details.csv** file. Expected Asana: Tree Pose (Vrksasana)

Etc…