

## ■ TASK FOR GITHUB COPILOT:

Build an adaptive Pomodoro Timer component for the MindDecode app.

Requirements:

### 1■■■ Timer Functionality:

- 25-minute Pomodoro session with start, pause, and reset controls.
- 5-minute short break after each session.
- 4 sessions trigger a long break (15 minutes).

### 2■■■ Mood & Focus Tracking:

- After each session, ask the user how they feel: "Happy", "Tired", or "Stressed".
- Optionally take a focus level input (1–100) or use a random simulated focus value.
- Store session data (duration, mood, focus, timestamp) in localStorage.

### 3■■■ Adaptive Logic:

- If user is "Stressed":
  - Reduce next Pomodoro to 15 minutes
  - Increase break to 10 minutes
  - Display recommendation: "You seem stressed ■ — take a longer break or listen to music."
- If user is "Tired":
  - Reduce session to 20 minutes, break to 8 minutes
  - Display: "You're feeling tired ■ — maybe switch to a lighter subject."
- If user is "Happy" or focus > 70:
  - Keep normal 25-min Pomodoro
  - Display: "You're doing great! Keep going ■"
- If focus < 40 (low focus):
  - Recommend changing subject or doing revision instead.

### 4■■■ Subject Switching:

- Maintain a dropdown list of subjects (like ["Math", "Physics", "CS", "Revision"])
- If stress or low focus persists for 2 consecutive sessions, recommend switching to a random subject.

### 5■■■ UI Layout (Tailwind + Framer Motion):

- Centered timer card with gradient background.
- Display remaining time, session count, and break indicator.
- Below the timer, show a "Mood Input" section after each session.
- Underneath that, display a recommendation card with a soft gradient, glow, and animation.

### 6■■■ Recommendation Card Example:

- Card shows message + suggestion dynamically based on mood/focus.
- Example style:  
bg-gradient-to-r from-indigo-100 via-cyan-100 to-teal-50 dark:from-gray-800 dark:to-gray-900 rounded-2xl shadow-lg p-4 mt-6

### 7■■■ Save and Display Data:

- Save sessions to localStorage (key: "studySessions").
- Display a short summary of the last 3 sessions below the recommendation card.

### 8■■■ Smooth UI:

- Use Tailwind for design consistency and Framer Motion for fade-in/fade-out transitions.

### ■ Output:

A complete functional React component named `Pomodoro.jsx` implementing all above behaviors cleanly.