

# Project 65: Weekly Goal Setter

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## Description:

This assistant helps you define clear goals for the week by breaking them down into SMART (Specific, Measurable, Achievable, Relevant, Time-bound) tasks. It also suggests a day-by-day plan and motivational prompts to stay on track.

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## weekly\_goal\_setter.py

```
import openai
import os
import gradio as gr

# Load your OpenAI API key securely
openai.api_key = os.getenv("OPENAI_API_KEY")

# Function to set and plan weekly goals
def create_weekly_goals(main_goals, focus_area):
    # Prompt AI to act like a weekly planning coach
    messages = [
        {
            "role": "system",
            "content": (
                "You are a goal-setting coach. Take the user's main goals and\n"
                "For each goal:\n- Make it SMART\n- Suggest daily action steps\n"
                "Return everything in a clear, day-by-day outline starting from\n"
            )
        },
        {
            "role": "user",
            "content": f"My goals: {main_goals}\nFocus area: {focus_area}"
        }
    ]

    try:
        # Generate goal plan with OpenAI
        response = openai.ChatCompletion.create(
            model="gpt-3.5-turbo", # GPT-4 = more structure
```

```

        messages=messages
    )

    # Return the weekly plan
    return response["choices"][0]["message"]["content"].strip()

except Exception as e:
    return f"Error: {str(e)}"

# Gradio interface
iface = gr.Interface(
    fn=create_weekly_goals,
    inputs=[
        gr.Textbox(label="List Your Main Goals for This Week"),
        gr.Radio(["Work", "Fitness", "Health", "Learning", "Personal Growth",
    ],
    outputs="text",
    title="📅 Weekly Goal Setter",
    description="Set your goals and I'll break them into a SMART action plan f
)

# Launch the weekly planner
iface.launch()

```