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import speech_recognition as sr
from PIL import Image
import requests
from io import BytesIO
# Initialize recognizer
recognizer = sr.Recognizer()
# Function to capture voice input
def capture_voice_input():
  with sr.Microphone() as source:
    print("Say something...")
    audio = recognizer.listen(source)
    print("Recognizing...")
    try:
       # Convert voice to text
       text = recognizer.recognize_google(audio)
       print("You said: ", text)
       return text
    except sr.UnknownValueError:
       print("Sorry, I couldn't understand that.")
       return None
    except sr.RequestError:
       print("Request failed; check your network.")
       return None
# Function to generate image from text using an image API (e.g., DALL-E, Unspl
ash)
def generate_image_from_text(text):
  # Example API to search for images (Replace with your chosen API)
  url = f"https://api.unsplash.com/photos/random?query={text}&client_id=sk-pr
oj-TvdvguLJQ_iCgj7EWnNMPqwy7C2oR1oLH5bgOz9K_Qjghs8B8tP2VWAnT08iD
kvVPbJvZma28LT3BlbkFJ7SdvPBCS6qGUL25VHb9hi4gbvig28GBeb9Fcw2AeCG3
```

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rZjNflTImvHebrd_hko5EodgVWq2R4A"
  response = requests.get(url)
  if response.status_code == 200:
    image_url = response.json()[0]["urls"]["regular"]
    img_response = requests.get(image_url)
    img = Image.open(BytesIO(img_response.content))
    img.show()
  else:
    print("Could not generate image.")

# Main program logic
if __name__ == "__main__":
    text_input = capture_voice_input()
    if text_input:
        generate_image_from_text(text_input)
```