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import requests
from selenium import webdriver
import folium
import datetime
import time
import os
# Example list of blockades with coordinates and descriptions
blockades = [
    {"lat": 22.5726, "long": 88.3639, "description": "Construction Work"},
   {"lat": 22.5826, "long": 88.3739, "description": "Accident"},
    {"lat": 22.5926, "long": 88.3839, "description": "Road Closed"},
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def locationCoordinates():
   try:
        response = requests.get('https://ipinfo.io')
        data = response.json()
        loc = data['loc'].split(',')
        lat, long = float(loc[0]), float(loc[1])
        city = data.get('city', 'Unknown')
        state = data.get('region', 'Unknown')
        return lat, long, city, state
   except Exception as e:
        print(f"Error fetching location: {e}")
        exit()
        return False
def gps locator():
   try:
        lat, long, city, state = locationCoordinates()
        print(f"You are in {city}, {state}")
        print(f"Your latitude = {lat} and longitude = {long}")
        obj = folium.Map(location=[lat, long], zoom start=12)
        folium.Marker([lat, long], popup='Current Location').add_to(obj)
        # Adding predefined blockades to the map
        for blockade in blockades:
            folium.Marker(
                [blockade["lat"], blockade["long"]],
                popup=blockade["description"],
                icon=folium.Icon(color='red')
            ).add_to(obj)
        directory = "C:/screengfg"
        if not os.path.exists(directory):
            os.makedirs(directory)
        fileName = f"{directory}/Location{str(datetime.date.today())}.html"
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obj.save(fileName)
       return fileName
   except Exception as e:
       print(f"Error generating map: {e}")
       return False
if __name__ == "__main__":
   print("-----\n")
   page = gps_locator()
   if page:
       print(f"\nOpening File: {page}")
       try:
           dr = webdriver.Chrome()
           dr.get(f"file:///{page}")
          time.sleep(80)
           dr.quit()
          print("\nBrowser Closed....")
       except Exception as e:
          print(f"Error opening browser: {e}")
   else:
       print("Failed to create map.")
```