import requests

import streamlit as st

from datetime import datetime, timedelta

def get\_prayer\_time\_data(namaz, latitude, longitude, date):

    url = f"http://api.aladhan.com/v1/timings/{date}?latitude={latitude}&longitude={longitude}&method=2"

    response = requests.get(url)

    if response.status\_code == 200:

        data = response.json()

        timings = data['data']['timings']

        return timings[namaz.capitalize()]

    else:

        return None

def main():

    st.set\_page\_config(page\_title="Namaz Timings", page\_icon=":pray:", layout="wide")

    st.title("Namaz Timings")

    # Get user inputs

    namaz = st.selectbox("Select Namaz", ["Fajr", "Dhuhr", "Asr", "Maghrib", "Isha"])

    print(namaz)

    location = st.text\_input("Enter Location (City, Country)", "Karachi, Pakistan")

    date = st.date\_input("Select Date", datetime.now())

    # Get latitude and longitude from location

    try:

        url = f"https://nominatim.openstreetmap.org/search?q={location}&format=json"

        response = requests.get(url)

        data = response.json()[0]

        latitude = data["lat"]

        longitude = data["lon"]

    except:

        st.write("Error: Could not find location. Please enter a valid location.")

        return

    # Get prayer time data

    prayer\_time = get\_prayer\_time\_data(namaz.lower(), latitude, longitude, date.strftime("%Y-%m-%d"))

    if prayer\_time is None:

        st.write("Error: Could not get prayer time data. Please try again later.")

        return

    # Display prayer time data

    st.write(f"Location: {location.title()}")

    st.write(f"Date: {date.strftime('%Y-%m-%d')}")

    st.write(f"{namaz.title()} Time: {prayer\_time}")

    # Add colors to the interface

    st.markdown("""

        <style>

            body {

                color: #212121;

                background-color: #fafafa;

            }

            .stButton button {

                background-color: #2196f3;

                border: 2px solid #2196f3;

                border-radius: 5px;

                color: #ffffff;

                font-weight: bold;

            }

            .stTextInput input {

                border: 2px solid #2196f3;

                border-radius: 5px;

                padding: 8px;

            }

            .stSelectbox select {

                border: 2px solid #2196f3;

                border-radius: 5px;

                padding: 8px;

            }

        </style>

    """, unsafe\_allow\_html=True)

if \_\_name\_\_ == "\_\_main\_\_":

    main()







