Internship Task

Your task is to create a live weather displaying application using APIs and excel to display and control the data being presented to the user.

1. Select a **live weather API** which can provide you with live updating temperatures. You can choose from the ones below or any other of your choice which can be used to get **live temperaturedata** at an interval of seconds. Weather APIs -
   https://openweathermap.org/current
   https://weatherstack.com/
   https://www.worldweatheronline.com/

2. Use a python excel module like **xlwings**, **pyexcel**, **openpyxl** etc. (You can also use **Django**, **Flask** etc. instead of using excel) to update the excel sheet cells at an interval of a few seconds.

3. Description of excel file
   ➢ **Sheet 1** is the main sheet and it must contain the following columns
      o <u>City Name</u> (use more than 1)
      o <u>Temperature</u>
      o Option to <u>change temperature</u> (C/F)
      o Option to <u>stop updating the temperature</u> value(0/1)
   ➢ **Sheet 2** will contain all possible values for city names
   ➢ **Sheet 3**(optional) will contain any other details necessary for execution of your code.

4. Create a **requirements.txt file** for your code.

5. Upload you code on a public repository on **GitHub** (preferred) or send us a zip containing all necessary files.