

# SOFTWARE

Assignment Date	06 NOVEMBER2022
Team ID	PNT2022TMID42277
Project Name	Gas Leakage Monitoring and Alerting System

## Software: -

- ☐ Install the Python IDLE.
- ☐ Install the required python libraries:

Install Watson IoT Python SDK to integrate Cloud services, capture the data from the camera, and process the data stored in QR code using the python code. Install the above libraries using the commands listed below one after the other in the command prompt.

### pip install wiotp-sdk

```
Command Prompt
Microsoft Windows [Version 10.0.22000.469]
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C:\Users\malin>pip install wiotp-sdk
Requirement already satisfied: wiotp-sdk in e:\python\lib\site-packages (0.11.0)
Requirement already satisfied: iso8601==0.1.12 in e:\python\lib\site-packages (from wiotp-sdk) (1.1.0)
Requirement already satisfied: pytz>=2018.9 in e:\python\lib\site-packages (from wiotp-sdk) (2022.6)
Requirement already satisfied: pyyaml>3.13 in e:\python\lib\site-packages (from wiotp-sdk) (6.0)
Requirement already satisfied: paho-mqtt>=1.5.0 in e:\python\lib\site-packages (from wiotp-sdk) (1.6.1)
Requirement already satisfied: requests>=2.21.0 in e:\python\lib\site-packages (from wiotp-sdk) (2.28.1)
Requirement already satisfied: requests-toolbelt>=0.8.0 in e:\python\lib\site-packages (from wiotp-sdk) (0.10.1)
Requirement already satisfied: charset-normalizer<3, >=2 in e:\python\lib\site-packages (from requests>=2.21.0->wiotp-sdk) (2.1.1)
Requirement already satisfied: idna<4, >=2.5 in e:\python\lib\site-packages (from requests>=2.21.0->wiotp-sdk) (3.4)
Requirement already satisfied: certifi>=2017.4.17 in e:\python\lib\site-packages (from requests>=2.21.0->wiotp-sdk) (2022.9.24)
Requirement already satisfied: urllib3<1.27, >=1.21.1 in e:\python\lib\site-packages (from requests>=2.21.0->wiotp-sdk) (1.26.12)
WARNING: You are using pip version 21.1.3; however, version 22.3 is available.
You should consider upgrading via the 'e:\python\python.exe -m pip install --upgrade pip' command.

C:\Users\malin>
```