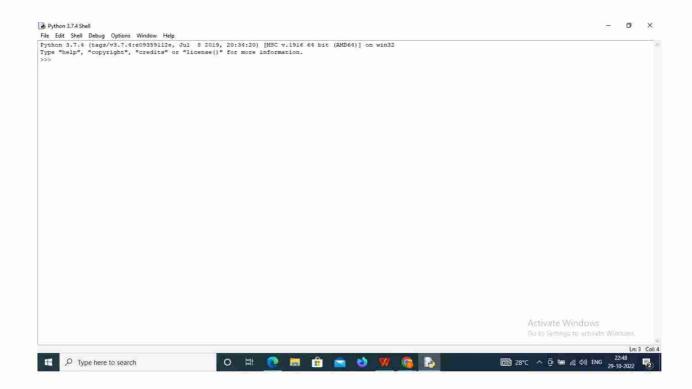
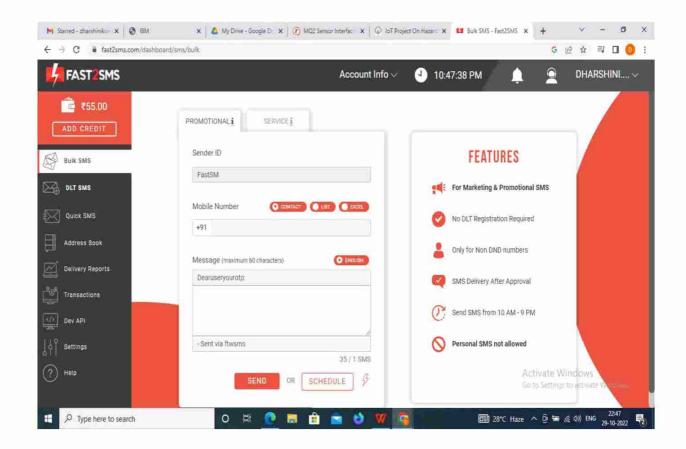
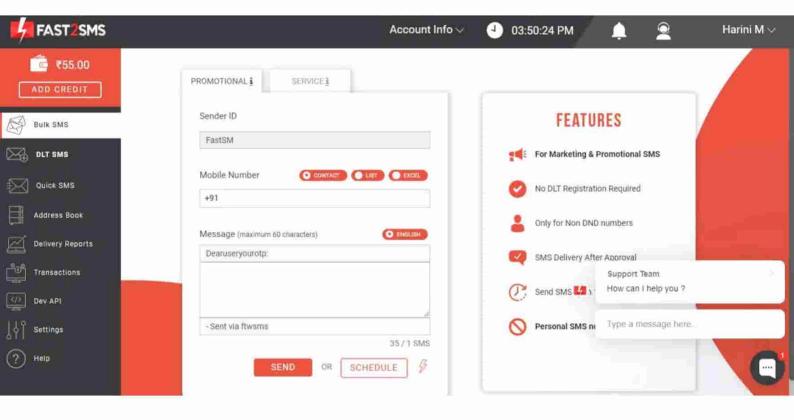
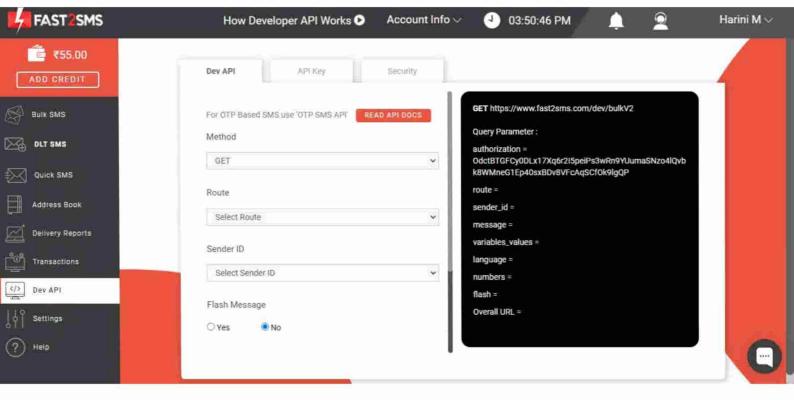
## **SOFTWARE**

Team ID	PNT2022TMID32725
Project Name	Hazardous Area monitoring in Industrial Plants powered by IOT
Maximum Marks	8 Marks









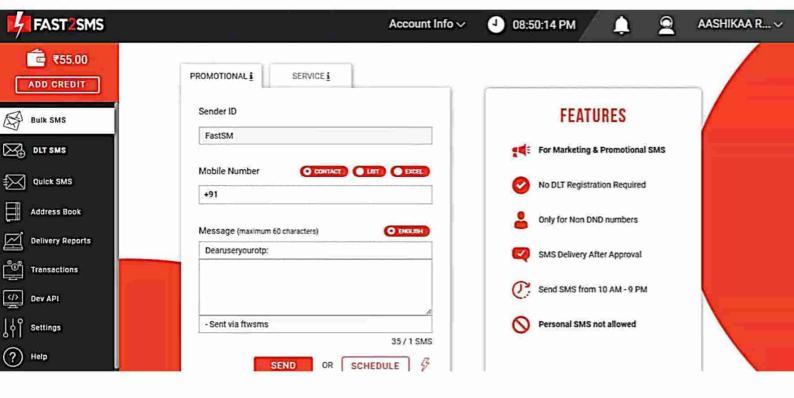
Python 3.7.4 Shell Debug Options Window Help
Python 3.7.4 (tags/v3.7.4:e09359112e, Jul 8 2019, 20:34:20) [MSC v.1916 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> |

Ln: 3 Col: 4



```
File tdx Format Run Options Window Help
import random
from time import sleep
while(1):
    t=random.randint(1,100)
    h=random.randint(1,100)
    print("\ntemperature={0} \nhumidity= {1}".format(t,h))
    if(t>33 or h>80):
        print("Alarm Detected")
    elif((t>27 and t<=33) or (h<30 and h>50)):
        print("Normal Temperature")
    else:
        print("cold")
    sleep(3)
```

Ln: 14 Col: 0



File Edit Shell Debug Options Window Help

Python 3.7.4 (tags/v3.7.4:e09359112e, Jul 8 2019, 20:34:20) [MSC v.1916 64 bit (AMD64)] on win32

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>>> |