

Project
Development
Phase
Delivery of
Sprint – II

Date	10 November 2022
Team ID	PNT2022TMID15065
Project Name	IoT Based Safety Gadget for Child Safety Monitoring and Notification

In this sprint we have worked on the initial progressions and imported the packages required for the working of the code. At first it detects the actual location of a person and from the data that we have given or from a real time working we get the inputs from which we can check whether the person is in the same location or not.

The packages we imported are wiotp.sdk through cmd prompt and created the device configurations through python file and the iot platform can get interact

Coding:

```
import json

import wiotp.sdk.device

import time

myConfig={

    "identity ":{

        "orgId": "hj5fmy",

        "typeid": "NodeMCU",

        "deviceId": "12345" },

    "auth": { "token": "12345678" } }
```

```
client =
wiotp.sdk.device.DeviceClient(config=myConfig,
logHandlers=None) client.connect()

while True: name= "Smartbridge"

#in area location #latitude- 17.4225176 longitude
78.5450842

#out area location latitude = 17.4219272 longitude
=70.5400783

myData = {'name':name, 'lat':latitude, 'lon':
longitude} client.publishEvent (eventId="Status",
msgformat="json", data=myData, qos=0,
onPublish=None)

print ("Data published to IM IoT platfrom: ",myData)
time.sleep(5) client.disconnect()
```