**SPRINT 2**

**Project Title : IoT Based Gadget For Child Safety Monitoring and Notification**

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Python Program For Geofence :

import json

import wiotp.sdk.device

import time

myConfig = { "identity": {

"orgId":"rzitd9",

"typeId":"childsafetygadget",

"deviceId":"6789"

},

"auth": {

"token":"09876543"

} }

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

client.connect()

while True:

name = "Smartbridge”

#in are location

latitude = 10.667215025315349

longitude = 79.442097508773

#out area location

#latitude= 17.4219272

#longitude=78.5488783

myData={'name':name,'lat':latitude,'lon':longitude}

client.publishEvent(eventId="status", msgFormat="json", data=myData, qos=0, onPublish=None)

print("Data Published to IBm IOT Platform: ",myData)

time.sleep(5)

client.disconncet()