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| --- |
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|  |
|  | import wiotp.sdk |
|  | import time |
|  | import random |
|  | d = 0 |
|  |  |
|  | w = 0 |
|  | def database(d,w,m,load,distance,lat = 10.939091,long= 78.135731): |
|  | #Initialize Firebase |
|  | firebaseConfig={ |
|  | "apiKey": "AIzaSyB9ysbnaWc3IyeCioh-aJQT\_UCMd5CBFeU", |
|  | "authDomain": "fir-test-923b4.firebaseapp.com", |
|  | "databaseURL": "https://fir-test-923b4-default-rtdb.firebaseio.com", |
|  | "projectId": "fir-test-923b4", |
|  | "storageBucket": "fir-test-923b4.appspot.com", |
|  | "messagingSenderId": "943542145393", |
|  | "appId": "1:943542145393:web:9b5ec7593e6a3cbd7966d0", |
|  | "measurementId": "G-BN7JNX1Q7B" |
|  | } |
|  |  |
|  | firebase=pyrebase.initialize\_app(firebaseConfig) |
|  |  |
|  | db=firebase.database() |
|  |  |
|  | # #Push Data |
|  | data={"level":str(d)+"cm", |
|  | "alert":m, |
|  | "weight":str(w)+"g", |
|  | "latitude":lat, |
|  | "longitude":long, |
|  | "distance\_status":distance, |
|  | "load\_status":load} |
|  | # print(db.push(data)) |
|  |  |
|  |  |
|  | # update data base |
|  |  |
|  | db.child("-NEkRRkKsX7yVcqy\_rK4").update(data) |
|  |  |
|  | myConfig = { |
|  | "identity": { |
|  | "orgId": "4yi0vc", |
|  | "typeId": "smartwaste123", |
|  | "deviceId":"70103" |
|  | }, |
|  | "auth": { |
|  | "token": "123456789" |
|  | } |
|  | } |
|  |  |
|  | def myCommandCallback(cmd): |
|  | print("Message received from IBM IoT Platform: %s" % cmd.data['command']) |
|  | m=cmd.data['command'] |
|  |  |
|  | client = wiotp.sdk.device.DeviceClient(config=myConfig, logHandlers=None) |
|  | client.connect() |
|  | client.publishEvent(eventId="status", msgFormat="json", data=data, qos=0, onPublish=None) |
|  |  |