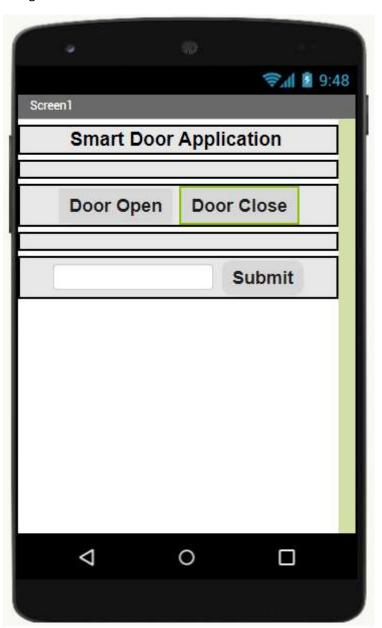
Assignment 4

Develop a mobile application that takes the user input and sends it to IoT device (python code). Print the received data in python shell. Keep a text box to accept the user input. Integrate a submit button. Whenever user enters the text input in text box and clicks the button the data should be sent to IBM cloud using URL (HTTP API).

Mobile Application:

Designer:



Blocks:

```
when Button1 . Click
    set Web1 . Url
                              https://node-red-qudkj-2021-07-17.eu-gb.mybluemi...
    call Web1 .Get
when Button2 . Click
do set Web1 .
                 Url •
                       to https://node-red-qudkj-2021-07-17.eu-gb.mybluemi....
    call Web1 .Get
when Button3 Click
                                       https://node-red-qudkj-2021-07-17.eu-gb.mybluemi...
    set Web1 . Url to
                             🧔 join 🖟
                                      TextBox1 •
                                                  Text •
    call Web1 .Get
```

Output:







```
7/18/2021, 2:10:31 AM node: ba0be9.7e846418
iot-2/type/SmartDevice/id/2468/evt/status/fmt/json:
msg.payload : number
41
7/18/2021, 2:10:31 AM node: d9961ceb.d56a9
msg.payload : Object
 ▶ { Name: "Dhruva" }
7/18/2021, 2:11:02 AM node: d9961ceb.d56a9
msg.payload : Object
 ▶ { command: "DoorOpen" }
7/18/2021, 2:26:32 AM node: d9961ceb.d56a9
msg.payload : Object
 ▶ { Name: "Rakesh" }
7/18/2021, 2:26:40 AM node: d9961ceb.d56a9
msg.payload : Object
 ▶ { command: "DoorClose" }
7/18/2021, 2:27:03 AM node: d9961ceb.d56a9
msg.payload : Object
 ▶{ Name: "smart" }
```