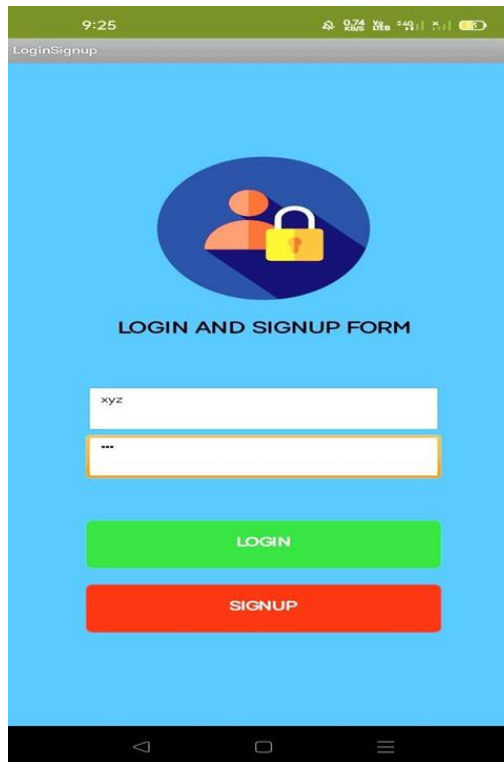


FINAL DELIVERABLES

Team ID	PNT2022TMID12156
Project Name	Personal Assistance for Seniors Who Are Self-Reliant


1.Login/Signup Page



A mobile application interface for a login and signup page. The screen has a light blue background. At the top, there is a status bar with the time 9:25, battery level 97%, and signal strength. Below the status bar is a header bar with the text "LoginSignup". In the center of the screen is a circular icon containing a stylized person and a padlock. Below the icon is the text "LOGIN AND SIGNUP FORM". There are two input fields: the first is labeled "xyz" and the second is labeled "...". Below the input fields are two buttons: a green "LOGIN" button and a red "SIGNUP" button. At the bottom of the screen is a black navigation bar with three icons: a back arrow, a home circle, and a menu hamburger icon.

2. Get Data From User:

Medicine Alarm



Enter Your Medication Details:

MEDICINE NAME:

MEDICINE DOSAGE:

SELECT TIME:

SELECT DATE:

☐ Tick the check Box when you take the medicines

3. Stored in Cloudant:

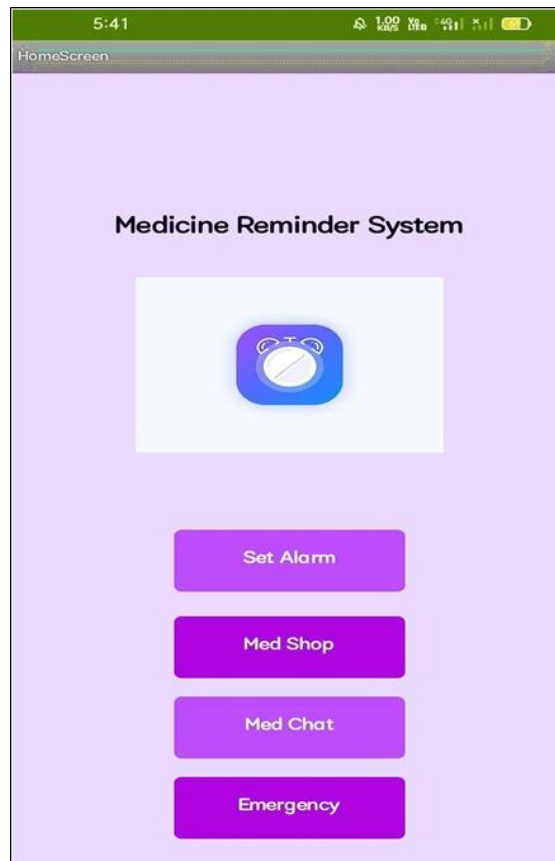
medreminder > 6ffbd3041c9528025fd8e3ccc14439ba

Save Changes Cancel

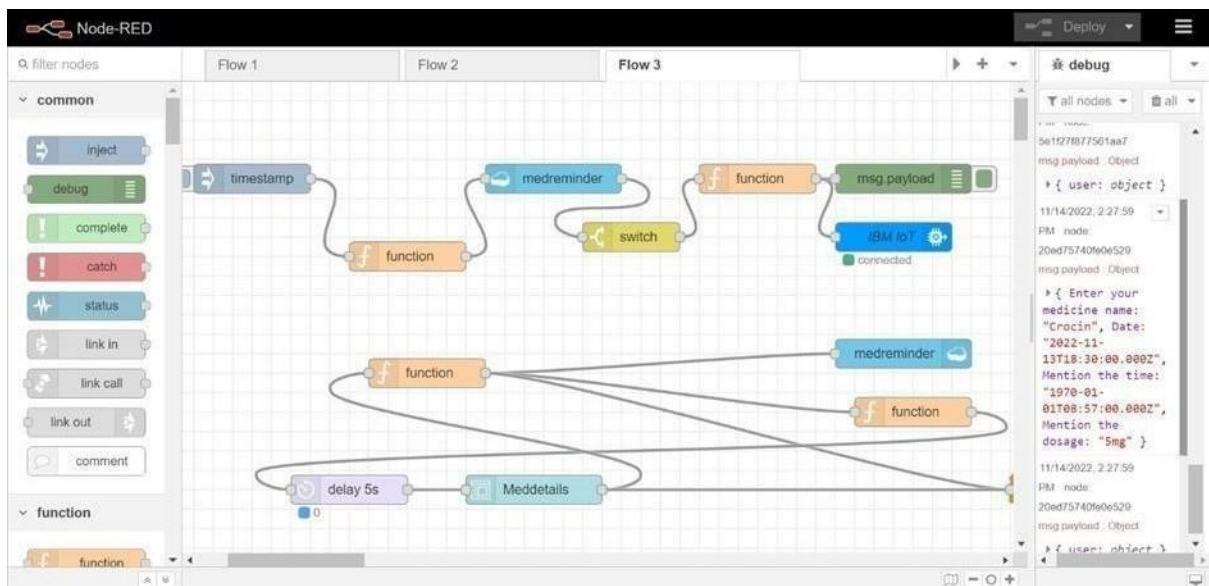
Upload Attachment Clone Document Delete

```
1-
2  "_id": "6ffbd3041c9528025fd8e3ccc14439ba",
3  "_rev": "1-befbc606f86d1d5eefab8e3e60c99a39",
4  "payload": {
5    "Enter your medicine name": "crocin",
6    "Date": "2022-11-08T18:30:00.000Z",
7    "Mention the time": "1970-01-01T16:21:00.000Z",
8    "Mention the dosage": "5 mg"
9  },
10 "socketId": "If6NPstPrg6Q8QPAAAB3"
11
```

4.Display Remainder with audio:



5.Display in Node-Red:



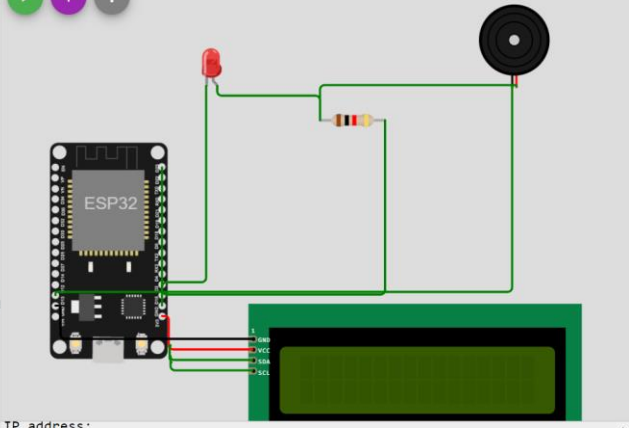
6.Remainder in Simulation:

WOKWI SAVE SHARE Docs

sketch.ino • diagram.json • libraries.txt • Library Manager

```
1 #include <WiFi.h> //library for wifi
2 #include <PubSubClient.h> //library for MQTT
3 #include <LiquidCrystal_I2C.h>
4 #define LED 2
5 void callback(char* subscribetopic, byte* payload, unsigned int payloadLength);
6
7
8 //-----credentials of IBM Accounts-----
9
10 #define ORG "ok5c7o" //IBM ORGANITION ID
11 #define DEVICE_TYPE "ESP" //Device type mentioned in ibm watson IOT Platform
12 #define DEVICE_ID "ESP32" //Device ID mentioned in ibm watson IOT Platform
13 #define TOKEN "LC1x7+V9etumdVMaSR" //Token
14 String data3="";
15
16
17 //----- Customise the above values -----
18 char server[] = ORG ".messaging.internetofthings.ibmcloud.com"; // Server Name
19 char publishTopic[] = "iot-2/evt/Data/fmt/json"; // topic name and type of event
20 char subscribetopic[] = "iot-2/cmd/command/fmt/String"; // cmd REPRESENT command
21 char authMethod[] = "use-token-auth"; // authentication method
22 char token[] = TOKEN;
23 char clientId[] = "d:" ORG ":" DEVICE_TYPE ":" DEVICE_ID; //client id
24 LiquidCrystal_I2C lcd(0x27,16,2);
25
26 //-----
27 WiFiClient wifiClient; // creating the instance for wificlient
28 PubSubClient client(server, 1883, callback, wifiClient); //calling the predefined
29 void setup() // configureing the ESP32
30 {
31   Serial.begin(115200);
```

Simulation



IP address:
10.10.0.2
Reconnecting client to ok5c7o.messaging.internetofthings.ibmcloud.com