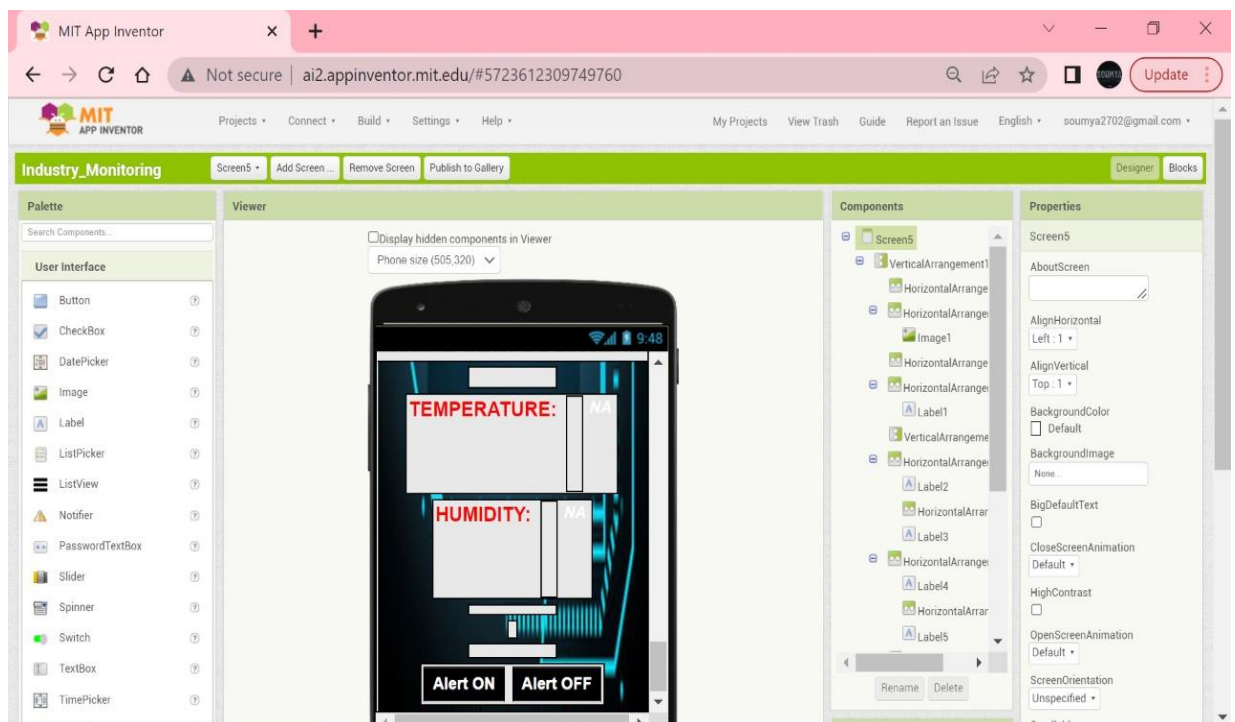


SPRINT-4

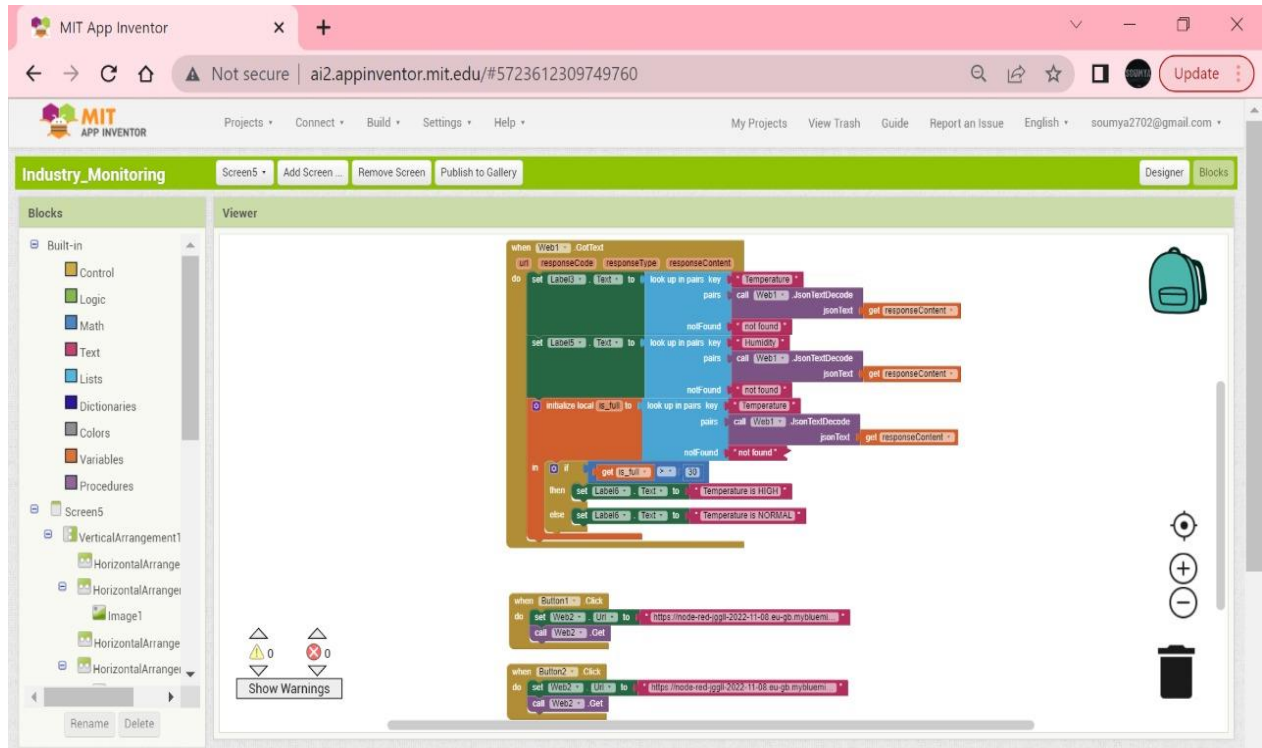
Date	19 November 2022
Team id	PNT2022TMID35923
Title	Hazardous Area Monitoring for Industrial Plant using IoT

Building Mobile App:

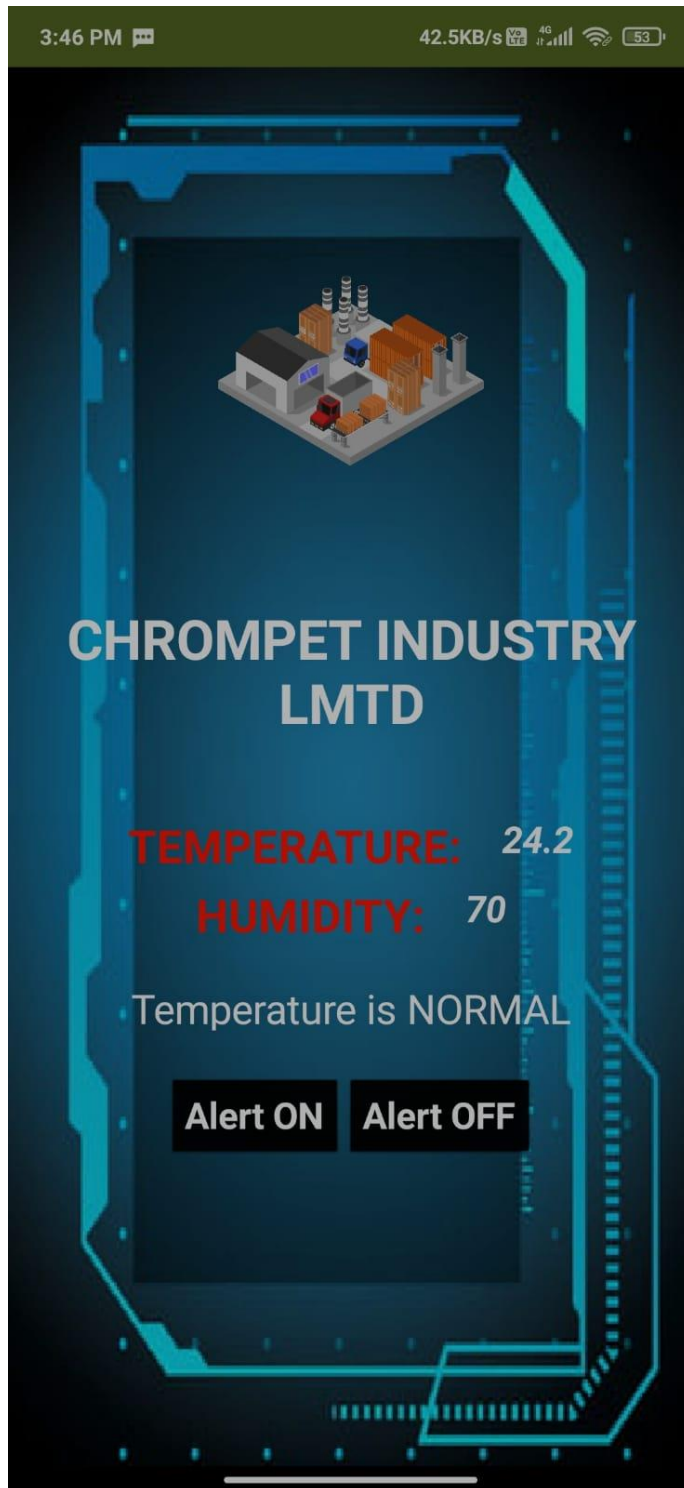
1) Design your UI to display the temperature, humidity



2) Configure the application to receive the data from cloud



3) Configure the mobile app for controlling motor using buttons



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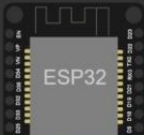
sketch.ino diagram.json libraries.txt Library Manager

Simulation

134 Serial.println(subscribetopic);
135 for (int i = 0; i < payloadLength; i++) {
136 //Serial.print((char)payload[i]);
137 data3 += (char)payload[i];
138 }
139 Serial.println("data: "+ data3);
140 if(data3=="AlertON")
141 {
142 Serial.println(data3);
143 digitalWrite(BUZ,HIGH);
144 }
145 else
146 {
147 Serial.println(data3);
148 digitalWrite(BUZ,LOW);
149 }
150 data3="";
151 }

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00:38.758 86%



callback invoked for topic: iot-2/cmd/command/fmt/string
data: AlertON
AlertON
temp:24.20
Humid:70.00
Sending payload: {"temp":24.20,"Humid":70.00}
Publish ok

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