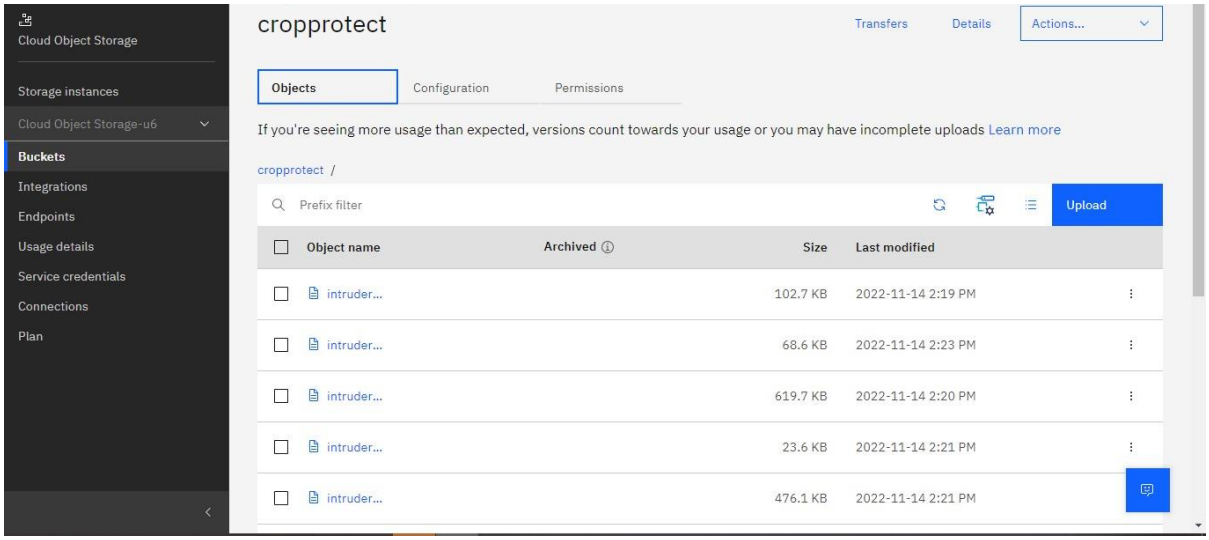
Project Development Phase

SPRINT – 4

Date	15 November 2022
Team ID	**PNT2022TMID19796**
Project Name	IOT BASED SMART CROP PROTECTION SYSTEM FOR AGRICULTURE

Cloud Object Storage:



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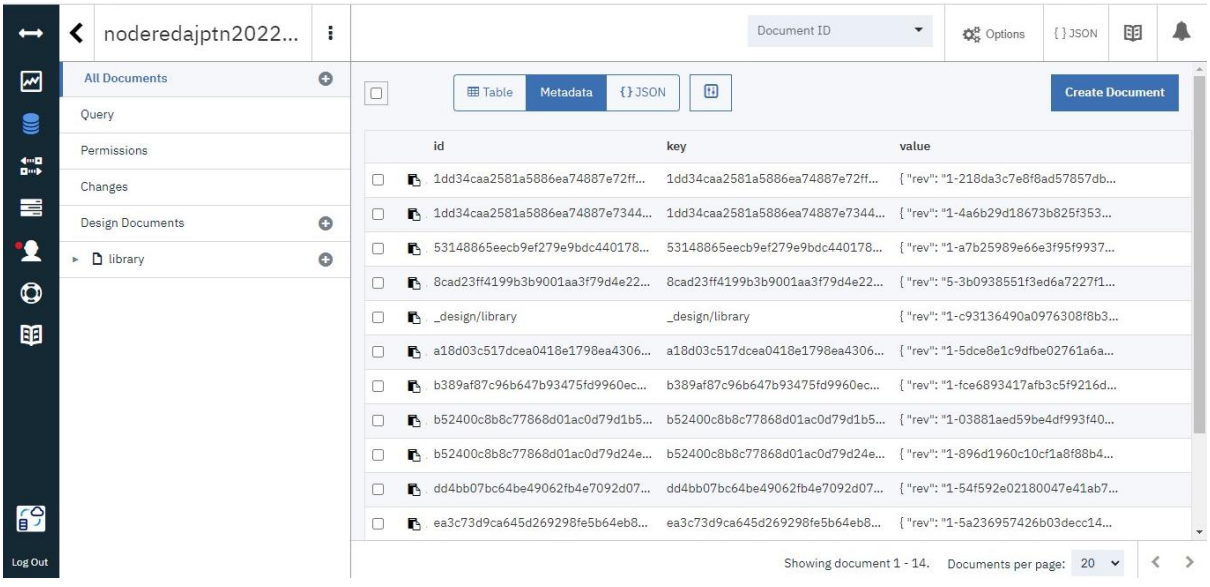
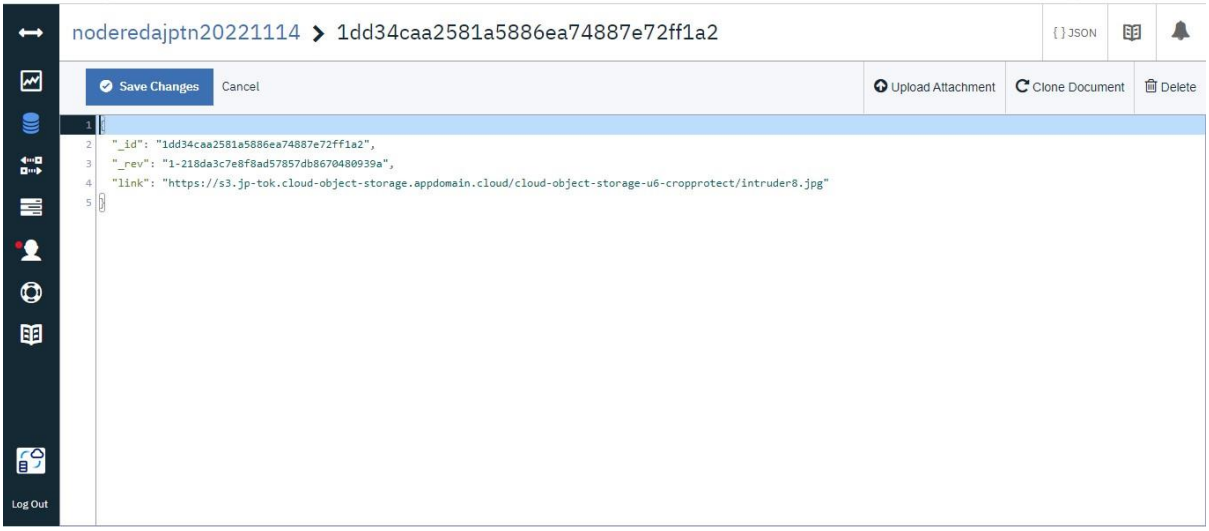
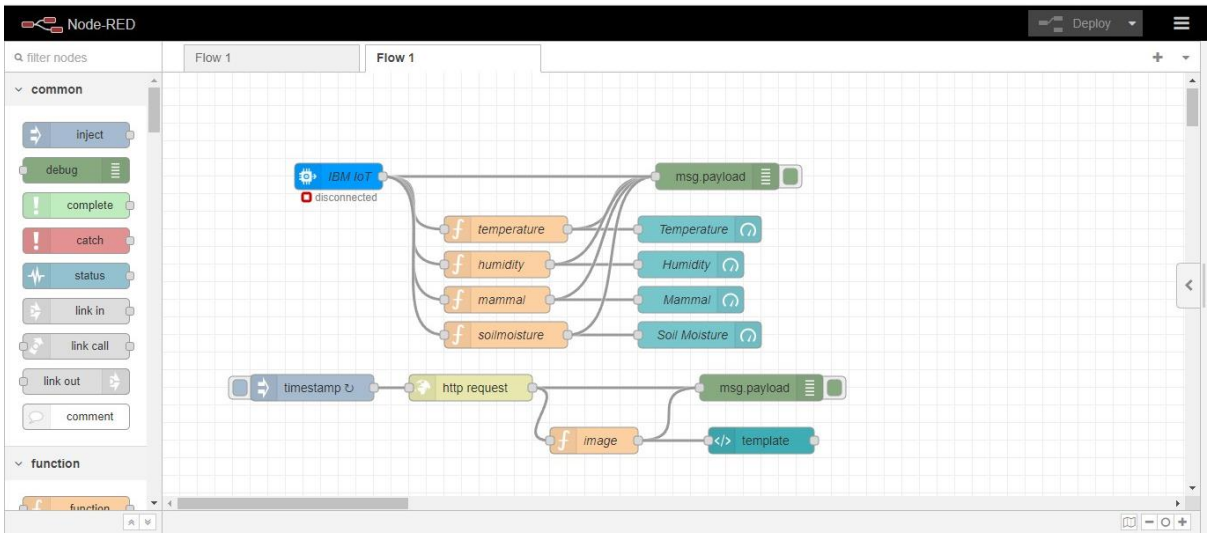
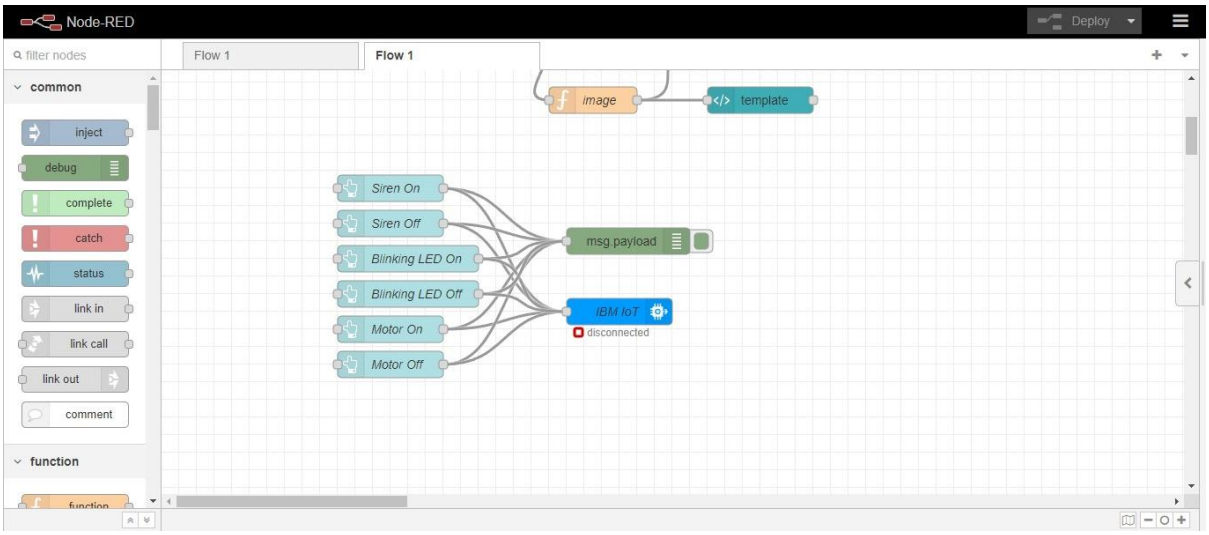


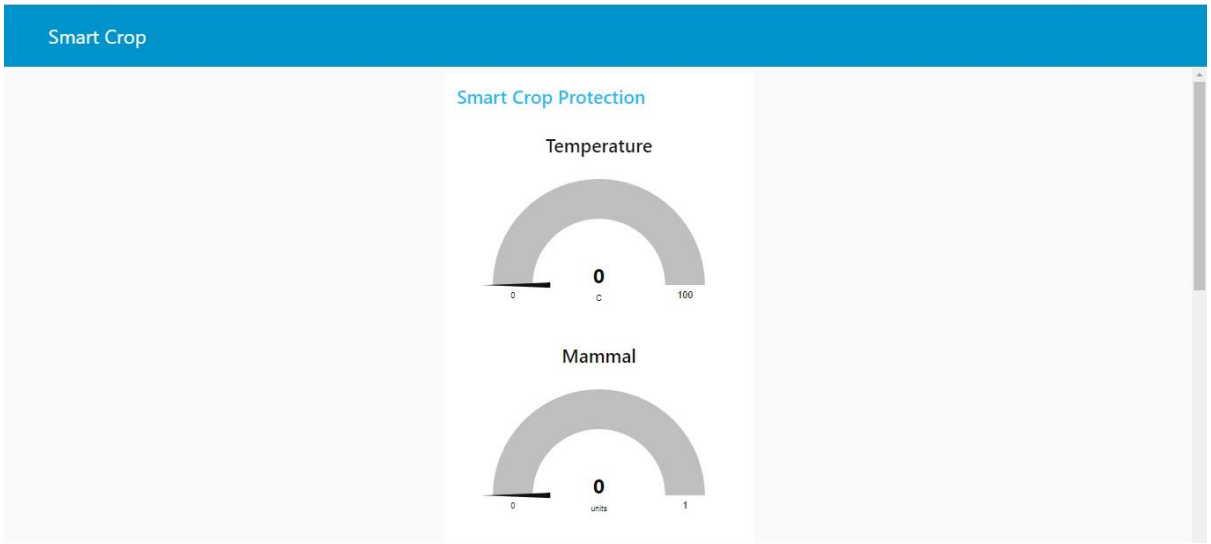


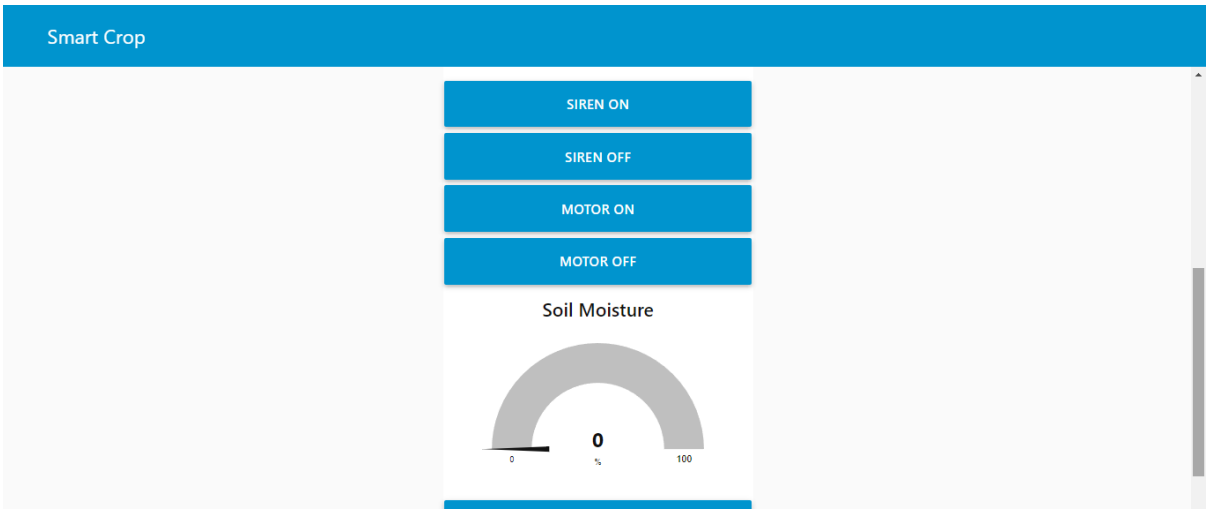
Node-Red Flow:

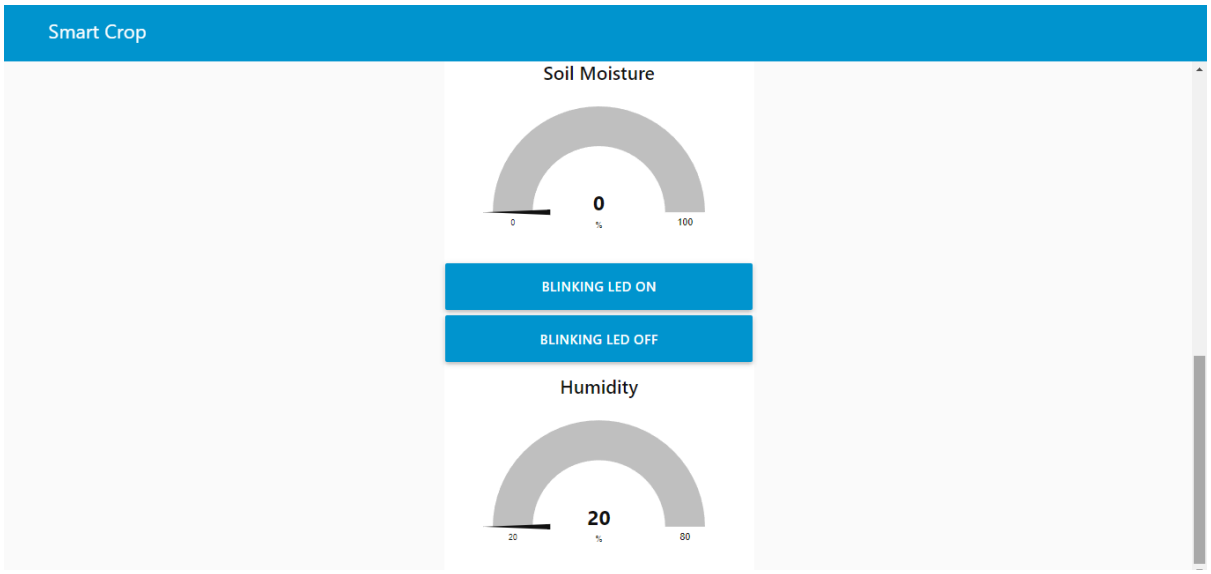




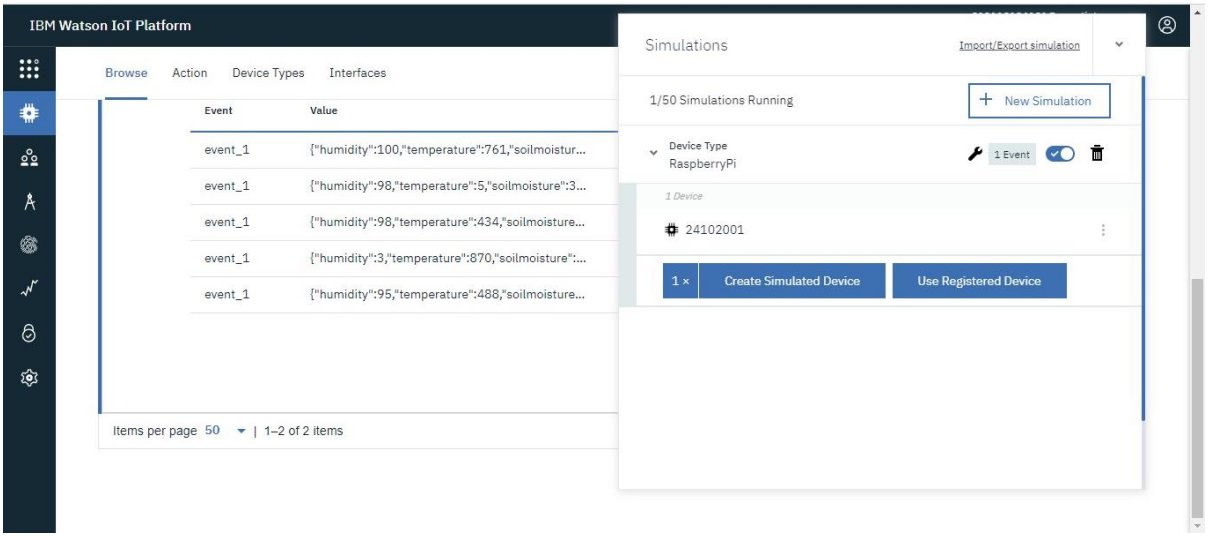
Web application before Connection:

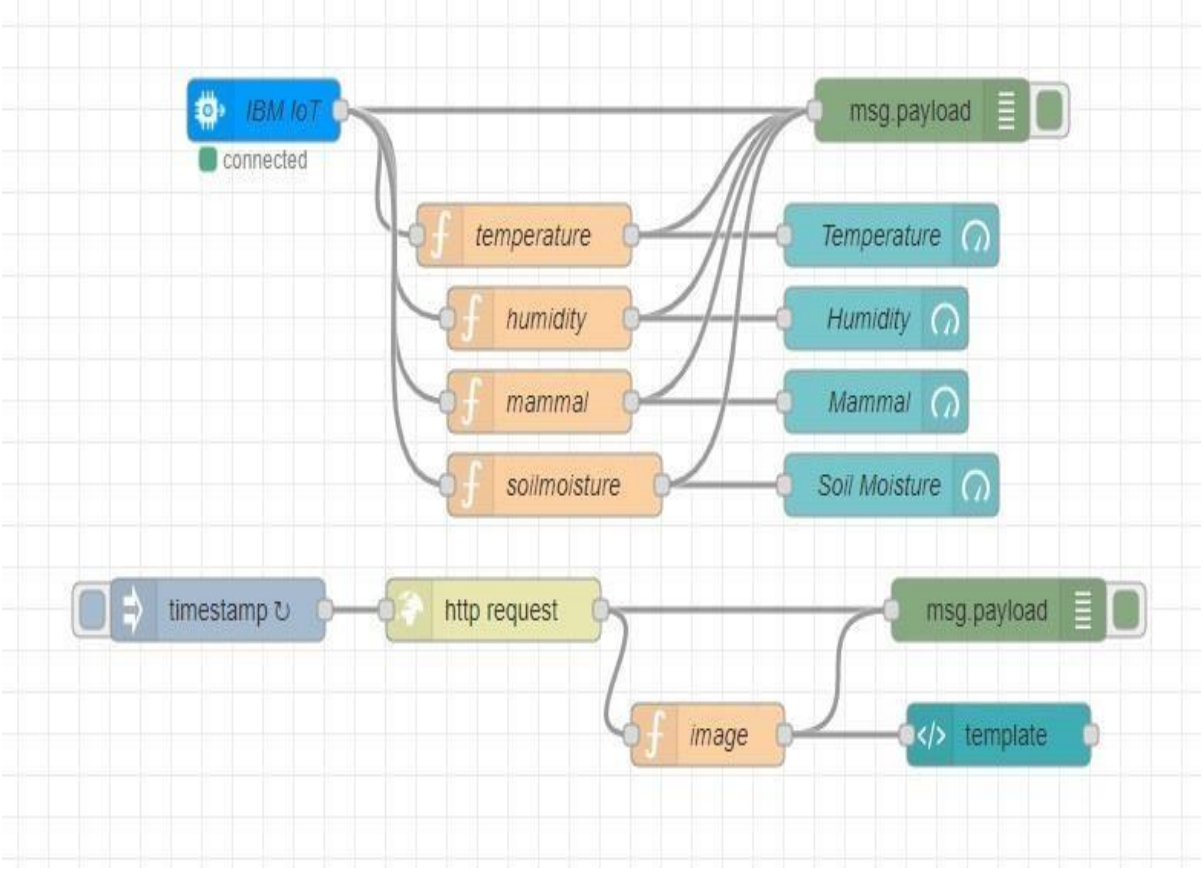


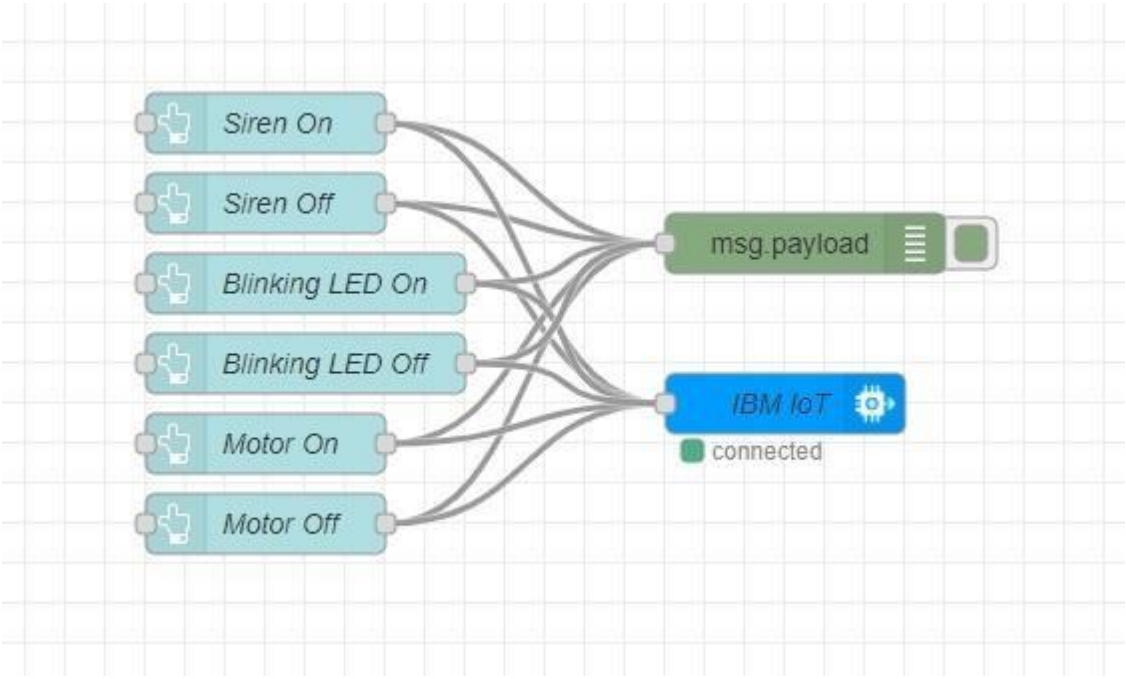

Smart Crop
SIREN ON
SIREN OFF
MOTOR ON
MOTOR OFF
Soil Moisture
0
%
0
100


Smart Crop
Soil Moisture
0
%
0
100
BLINKING LED ON
BLINKING LED OFF
Humidity
20
%
20
80

Connected with IBM Watson IoT Platform:



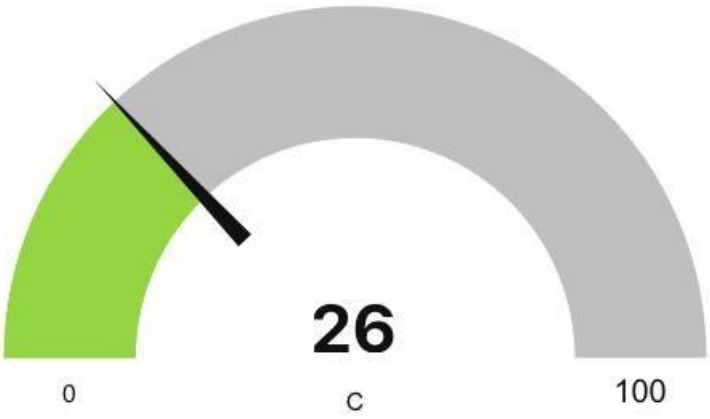



Siren On
Siren Off
Blinking LED On
Blinking LED Off
Motor On
Motor Off
msg.payload
IBM IoT
connected

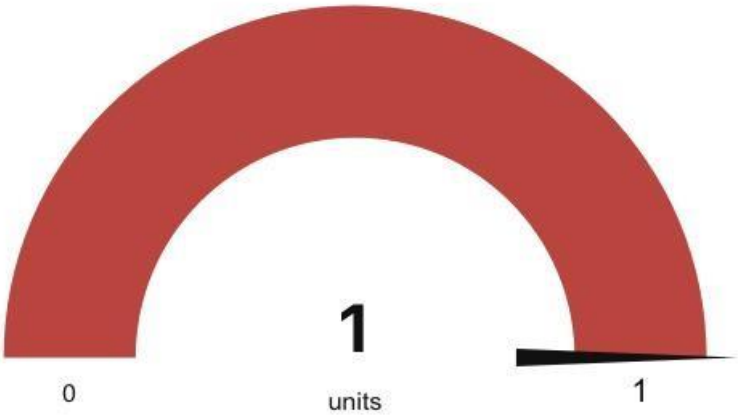
Smart Crop

Smart Crop Protection

Temperature



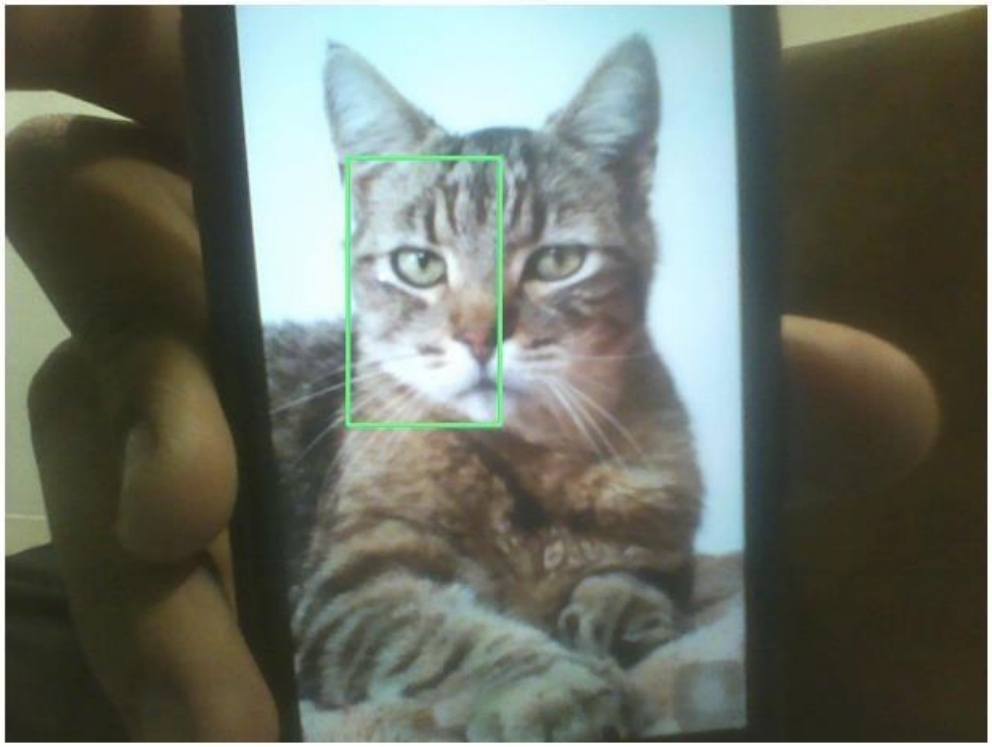
Mammal



Smart Crop

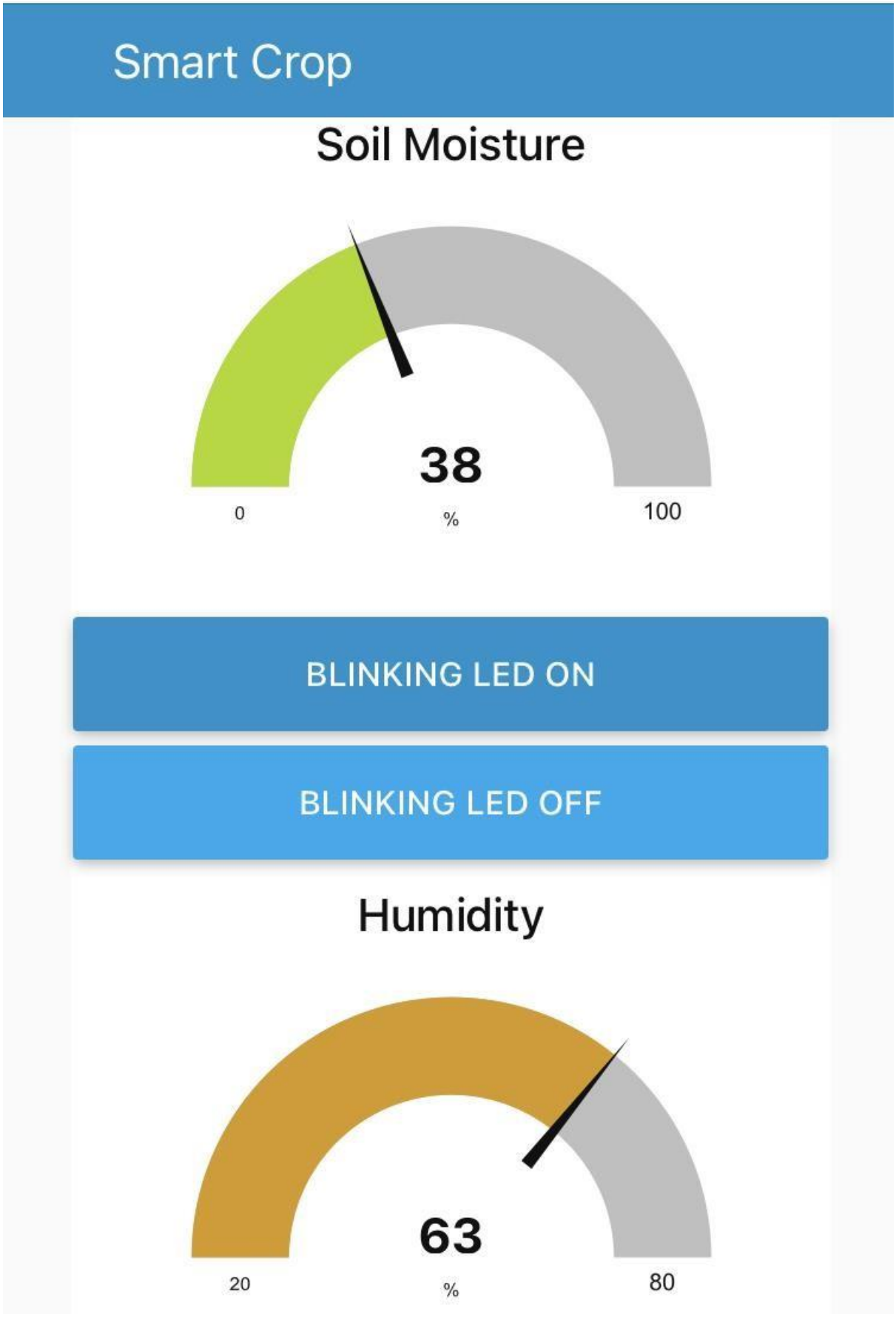
SIREN ON

SIREN OFF



MOTOR ON

MOTOR OFF


Smart Crop
Soil Moisture
38
0
%
100
BLINKING LED ON
BLINKING LED OFF
Humidity
63
20
%
80