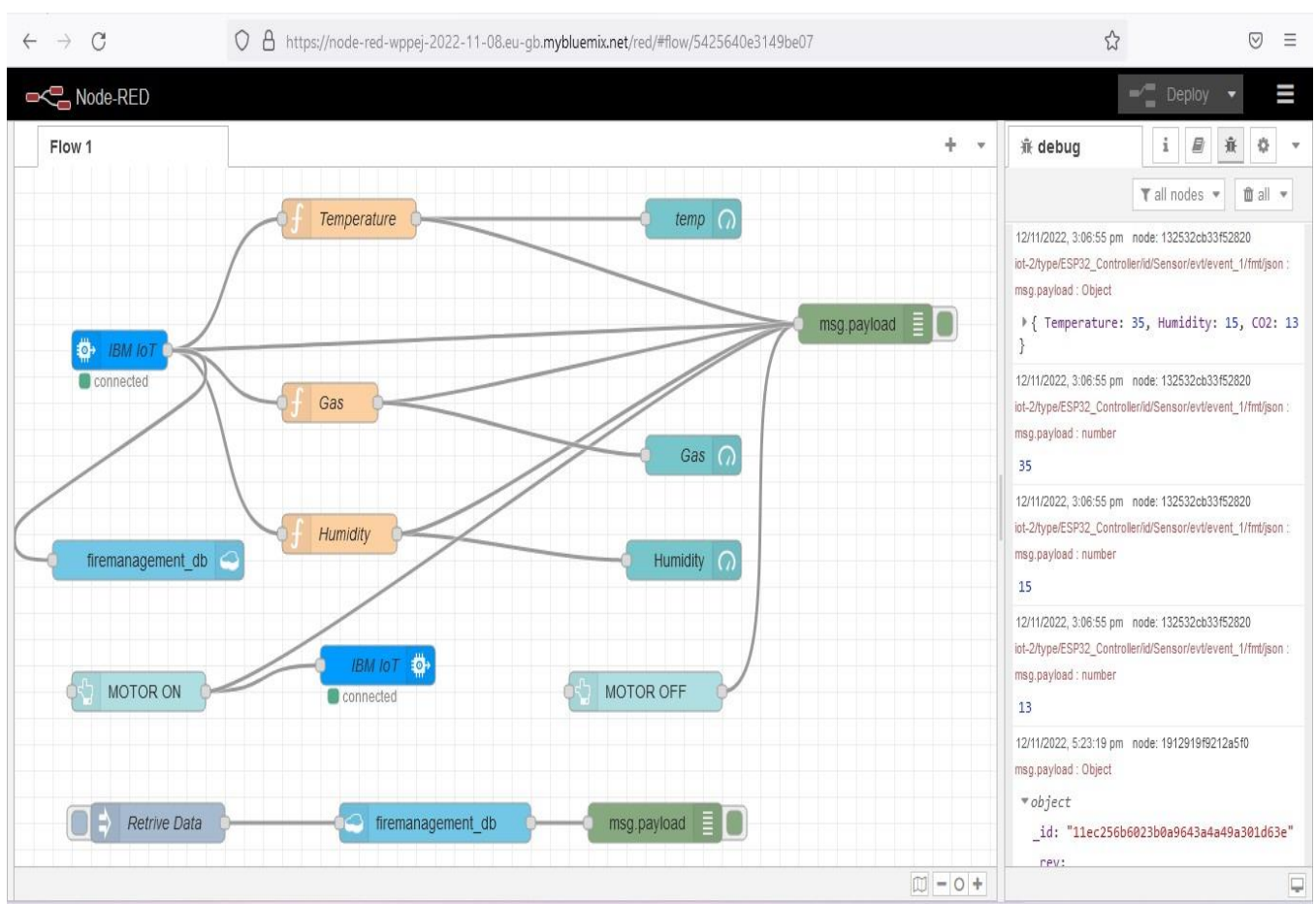


Develop The Web Application Using Node-RED

Date	12-11-2022
Team ID	PNT2022TMID42644
Project Name	Industry – specific intelligent fire management system

Configure the Node-RED flow to receive data from the IBM IoT platform :



IoT Watson Cloud Output :

0bm892.internetofthings.ibmcloud.com/dashboard/devices/browse

IBM Watson IoT Platform

praveenkumarraj111@gmail.com
ID: 0bm892

Browse Action Device Types Interfaces

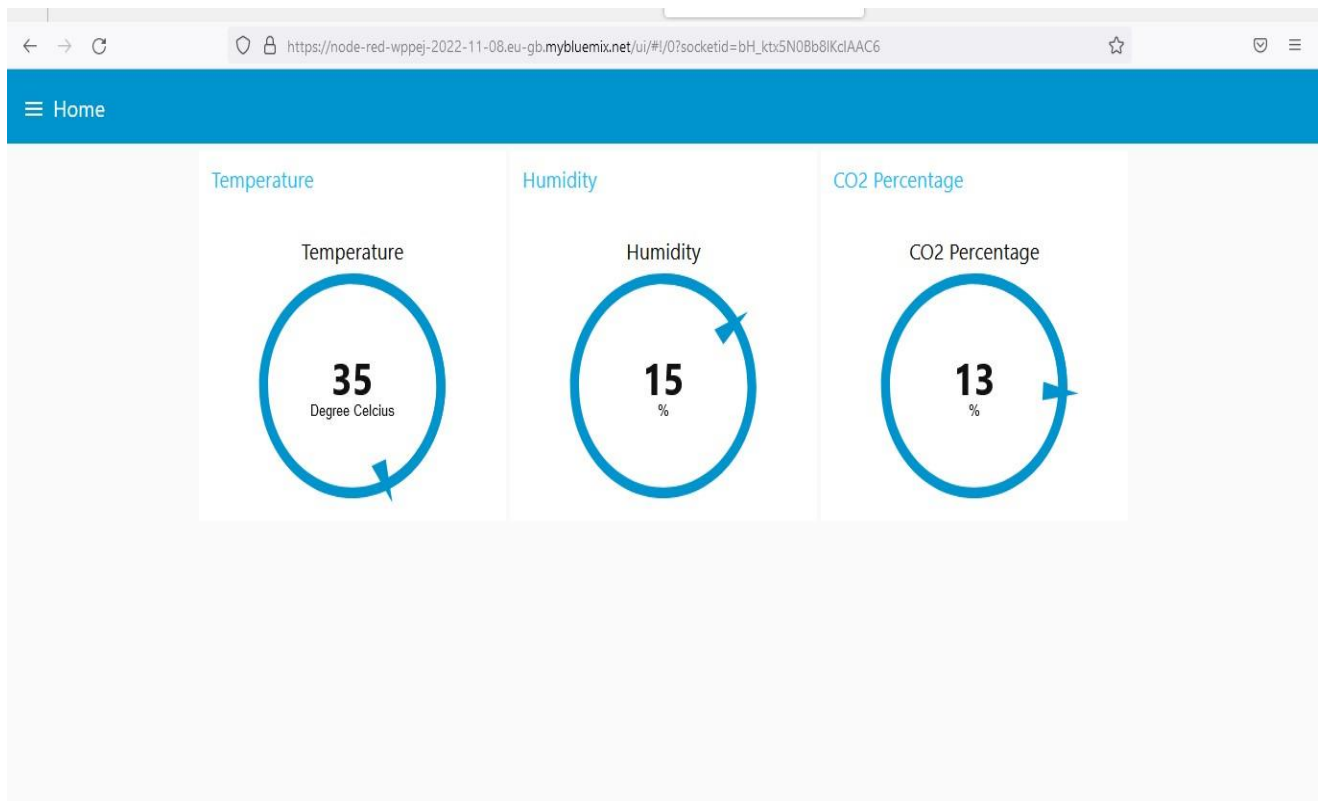
Add Device +

Identity Device Information Recent Events State Logs

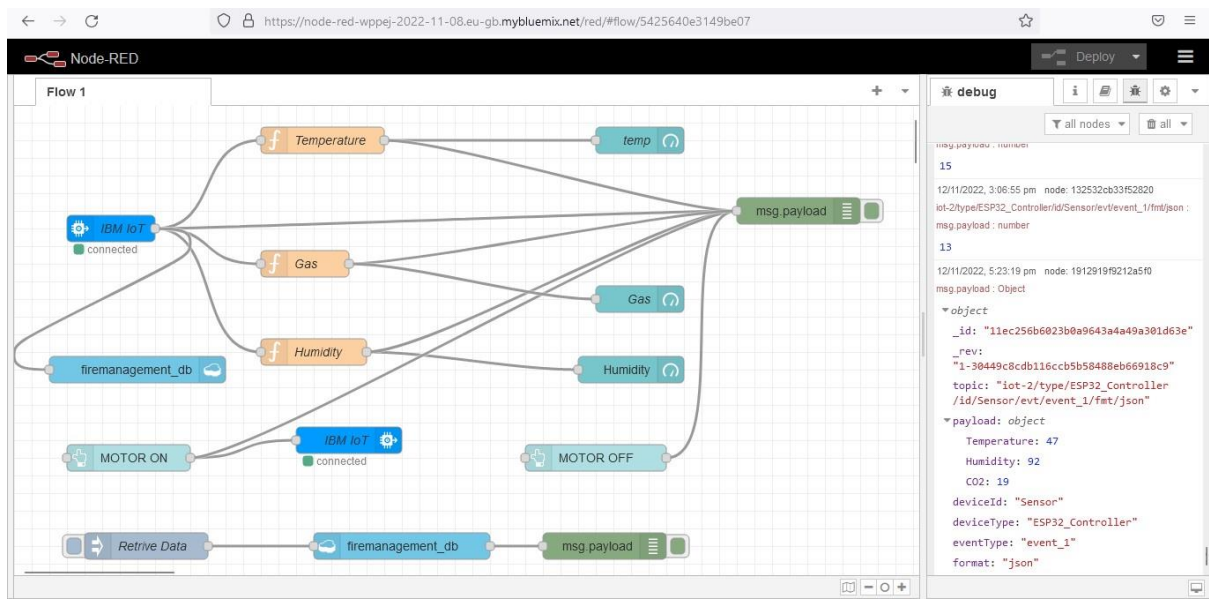
The recent events listed show the live stream of data that is coming and going from this device.

Event	Value	Format	Last Received
event_1	{"Temperature":35,"Humidity":15,"CO2":13}	json	a few seconds ago
event_1	{"Temperature":12,"Humidity":2,"CO2":3}	json	a few seconds ago
event_1	{"Temperature":47,"Humidity":92,"CO2":19}	json	a few seconds ago
event_1	{"Temperature":50,"Humidity":86,"CO2":15}	json	a few seconds ago
event_1	{"Temperature":17,"Humidity":21,"CO2":17}	json	a few seconds ago

WEB APPLICATION OUTPUT:



Use Cloudant DB nodes to store the received sensor data in the cloudant DB :



Storing Data in Cloudant DB :

988ad731-90dd-4efd-8885-5354ddc244e9-bluemix.cloudant.com/dashboard.html#database/firemanagement_db/_all_docs

firemanagement_db

Document ID

Options

{ } JSON

Create Document

id	key	value
11ec256b6023b0a9643a4a49a301d...	11ec256b6023b0a9643a4a49a301d...	{ "rev": "1-30449c8cdb116ccb5b584...
972f448440124a2f0dccb753714a4ebc	972f448440124a2f0dccb753714a4ebc	{ "rev": "1-84aa8363947b177f15665...
b16b206c6e0854f0ab89f41dcda67c83	b16b206c6e0854f0ab89f41dcda67c83	{ "rev": "1-c9f510ea6eda8dbdb51714...
b65c91474a208eefe30f31833008fb67	b65c91474a208eefe30f31833008fb67	{ "rev": "1-78326c42f3feb1d9369f33...
b65c91474a208eefe30f3183300a67f1	b65c91474a208eefe30f3183300a67f1	{ "rev": "1-b97fd22686f4e3ab8e578a...
bdb335fc51b38fcc6efa91e14a8bb53f	bdb335fc51b38fcc6efa91e14a8bb53f	{ "rev": "1-3db9f40381294604b44ce...
d7207414bfc4176c3bf47c633754a2f	d7207414bfc4176c3bf47c633754a2f	{ "rev": "1-a4cb7997dcc96ac47470c9...

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