SRI SAIRAM ENGINEERING COLLEGE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

SMART FARMER – IoT ENABLED SMART FARMING APPLICATION

IBM NALAIYATHIRAN

BUILD A WEB APPLICATION USING NODE-RED SERVICE

TITLE	Smart Farmer – IoT enabled Smart Farming Application
DOMAIN NAME	Internet of Things
TEAM ID	PNT2022TMID04114
TEAM LEADER	PADHMASHREE.S
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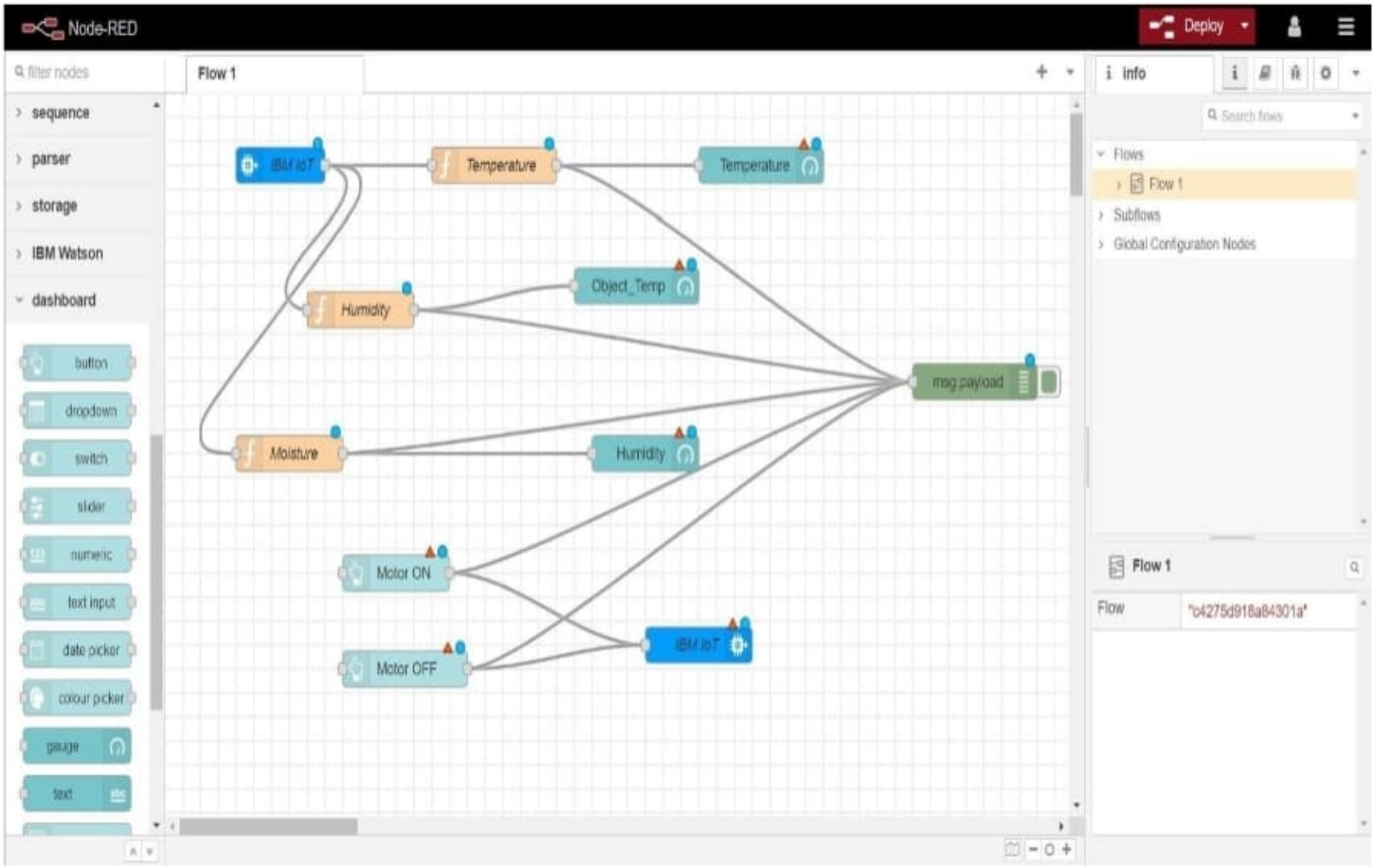
Node-RED
Deploy
filter nodes
Flow 1
info
sequence
parser
storage
IBM Watson
dashboard
button
dropdown
switch
slider
numeric
text input
date picker
colour picker
gauge
text
IBM IoT
Temperature
Temperature
Humidity
Object_Temp
msg.payload
Moisture
Humidity
Motor ON
Motor OFF
IBM IoT
Search flows
Flows
Flow 1
Subflows
Global Configuration Nodes
Flow 1
Flow
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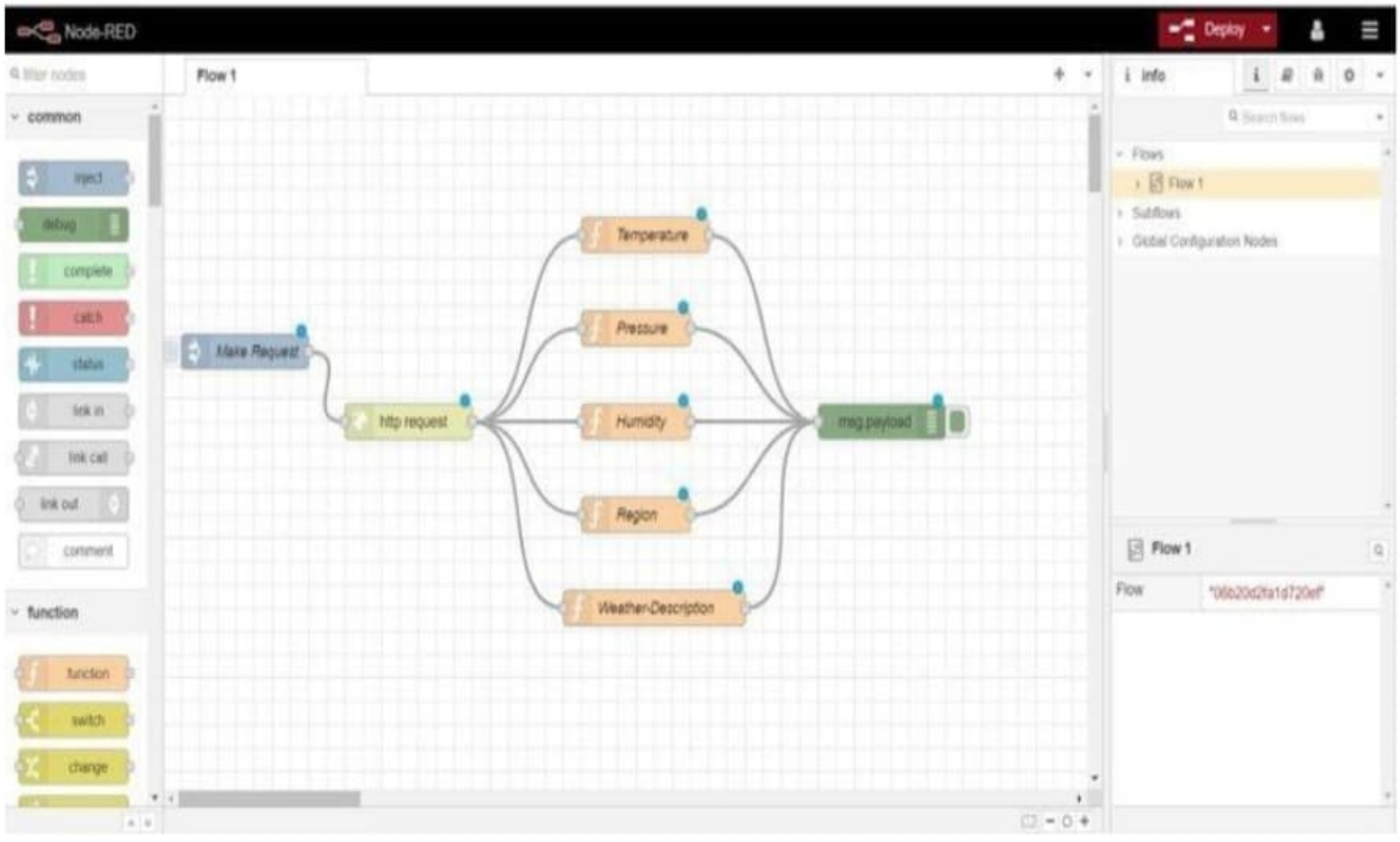
Node-RED
Deploy
Flow 1
info
common
inject
debug
complete
catch
status
link in
link call
link out
comment
function
function
switch
change
Make Request
http request
Temperature
Pressure
Humidity
Region
Weather-Description
msg.payload
Search flows
Flows
Flow 1
Subflows
Global Configuration Nodes
Flow 1
Flow
"06b20d2fa1d720ef"