

CAPE INSTITUTE OF TECHNOLOGY

LEVINJIPURAM

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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PROJECT NAME:SMART SOLUTIONS FOR RAILWAYS

**DEVELOP A WEB APPLICATION
USING NODE-RED SERVICE**

Node RED Design

node-red-cmsth-2022-11-11.au-syd.mybluemix.net/red/#flow/e0f03146a28ca8d7

Node-RED

Flow 1

Flow 2

common

- inject
- debug
- complete
- catch
- status
- link in
- link call
- link out
- comment

function

- function
- switch
- change
- range
- template
- delay
- trigger
- filter

Flow 1 nodes:

- IBM IoT (connected)
- Humid
- temp
- msg payload
- HUMIDITY
- TEMPERATURE

Flow 2 nodes:

- [get] /data
- function
- http
- LIGHT ON
- IBM IoT (connected)
- msg payload
- LIGHT OFF
- [get] /command
- command
- http

debug

all nodes

all

11/14/2022, 10:35:20 PM node: 6888ea7125c8f5f9
msg.payload : string[7]
"lighton"

11/14/2022, 10:35:21 PM node: 6888ea7125c8f5f9
msg.payload : string[8]
"lightoff"

11/14/2022, 10:35:22 PM node: 6888ea7125c8f5f9
msg.payload : string[7]
"lighton"

11/14/2022, 10:35:23 PM node: 6888ea7125c8f5f9
msg.payload : string[8]
"lightoff"

11/14/2022, 10:35:24 PM node: 6888ea7125c8f5f9
msg.payload : string[8]
"lighton"

11/14/2022, 10:35:25 PM node: 6888ea7125c8f5f9
msg.payload : string[7]
"lightoff"

11/14/2022, 10:35:26 PM node: 6888ea7125c8f5f9
msg.payload : string[7]
"lighton"

11/14/2022, 10:35:27 PM node: 6888ea7125c8f5f9
msg.payload : string[8]
"lightoff"

11/14/2022, 10:35:48 PM node: 6888ea7125c8f5f9
msg.payload : string[7]
"lighton"

11/14/2022, 10:40:42 PM node: 6888ea7125c8f5f9
msg.payload : string[8]
"lightoff"

11/14/2022, 10:40:44 PM node: 6888ea7125c8f5f9
msg.payload : string[7]
"lighton"

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15-11-2022

Node RED WEBPAGE

