|  |  |  |
| --- | --- | --- |
| **Topic** | **Message** | **When/ Effect** |
|  |  |  |
| home/user\_input | 0 or1 | 1 : Load on  0 : Load off |
| home/temp | integer like 25 | Turn on/off ac based on threshold |
| home/login | 1 | Publish to home/load\_status |
| home/reset | 1 | Reset board |
| home/co2 | Integer like 300 | Turn on/off exhaust fan based on threshold |
|  |  |  |

Subscribed From Device End (HOME)

Published From Device End

|  |  |  |
| --- | --- | --- |
| **Topic** | **Message** | **When/ Effect** |
| home/sensor\_data | temp,hum,co2 | Every 30s |
| home/load\_status | \_bool,\_bool,\_bool | When 1 is received @ home/login publishes ac, fan, load status |
| Sensor/online | Device online | Connected to MQTT broker |
|  |  |  |

Subscribed From Device End (Egg Tray)

|  |  |  |
| --- | --- | --- |
| **Topic** | **Message** | **When/ Effect** |
| home/eggStatus | An integer | When 1 is received; publish no. of eggs to home/eggs |
| home2/reset |  | Restart the board |

Published From Device End

|  |  |  |
| --- | --- | --- |
| **Topic** | **Message** | **When/ Effect** |
| home/eggAlert | 1 | When no. of eggs==1 |
| Refrigerator/online | Device online | Connected to MQTT broker |