

SPRINT 3

Team ID	PNT2022TMID39307
Project Name	GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES

PUBLISH DATA TO THE IBM CLOUD

#IBM Watson IOT Platform #pip

install Wiotp-sdk import

wiotp.sdk.device import time

import random my Config =

{'identity': {

"org Id": "md8rdq ",

"type Id": "NSSSV",

"deviceId":"123456"

},

"auth": {

"token": "Nsssv@2002"

}

}

def my Command Callback(cmd):

print ("Message received from IBM IoT Platform: %s" %cmd.

data['command']) m=cmd. data['command'] client =

wiotp.sdk. device. Device Client (config=my Config, log

Handlers=None)

client. connect ()

while True: gas=random. R and

int (0,100)

```
temp=random. R and int (0,100) hum=random. R and int (0,100)
```

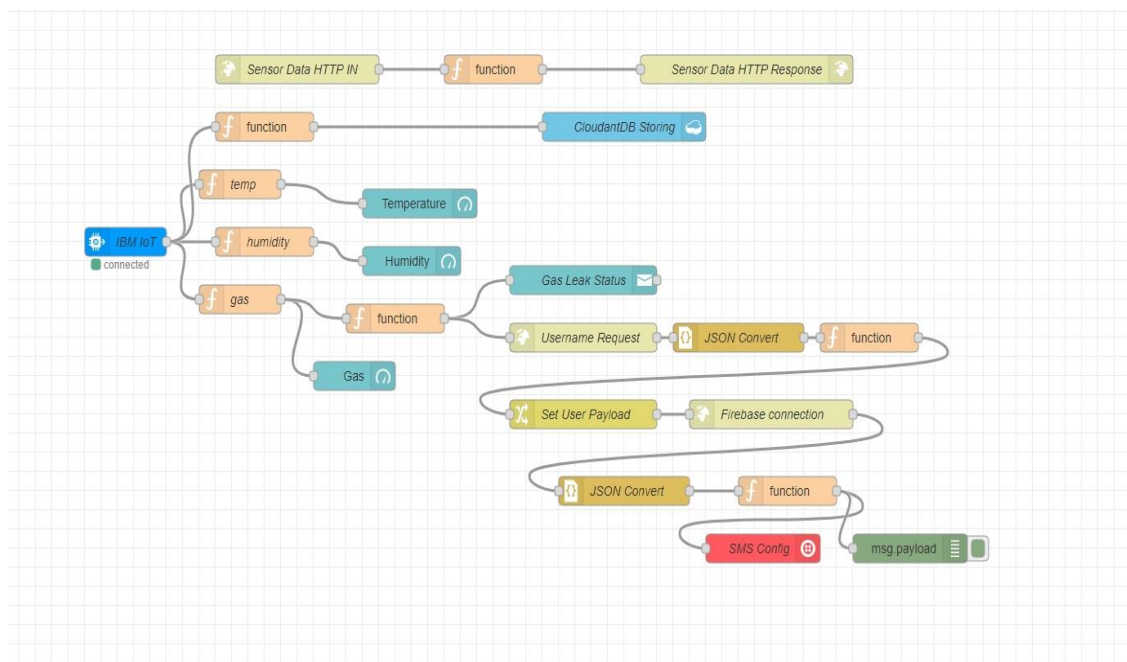
```
pre=random. R and int (0,100) my Data= {'Hazardous Gas ': gas,
```

```
'Temperature ': temp, 'Humidity': hum,
```

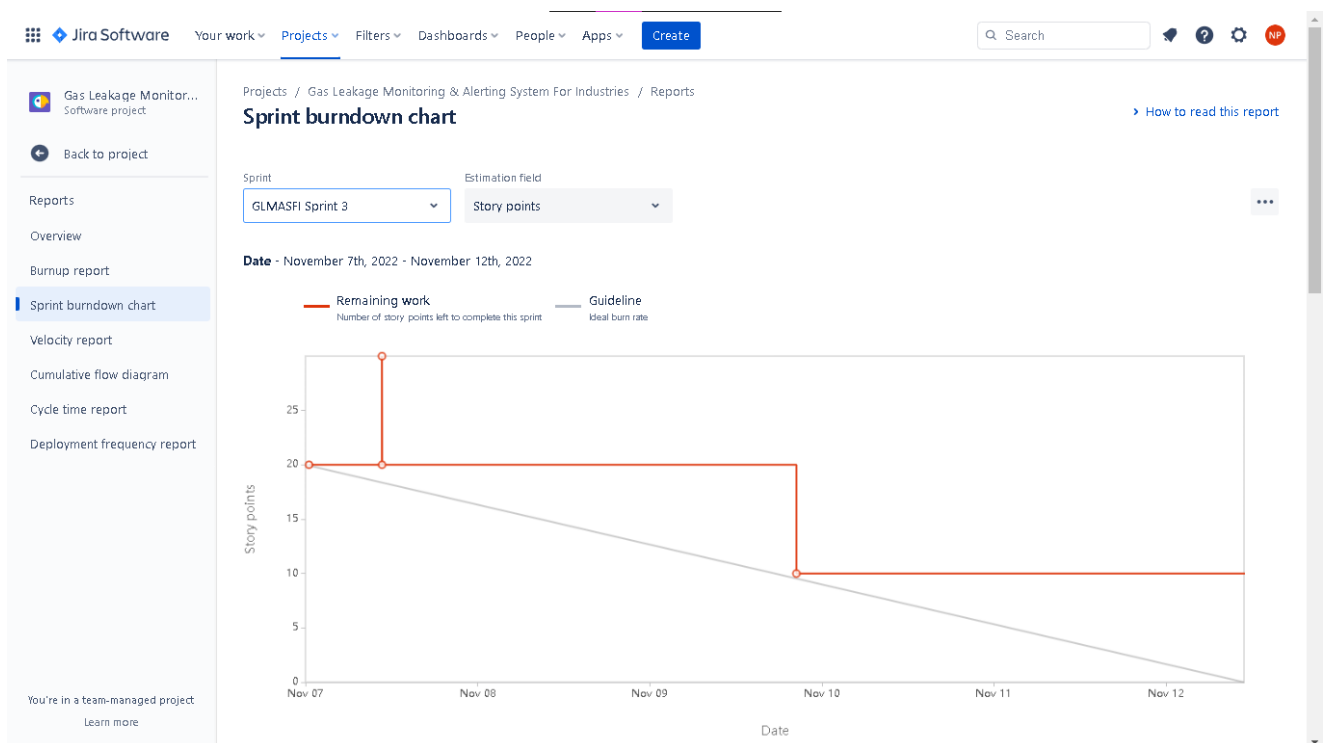
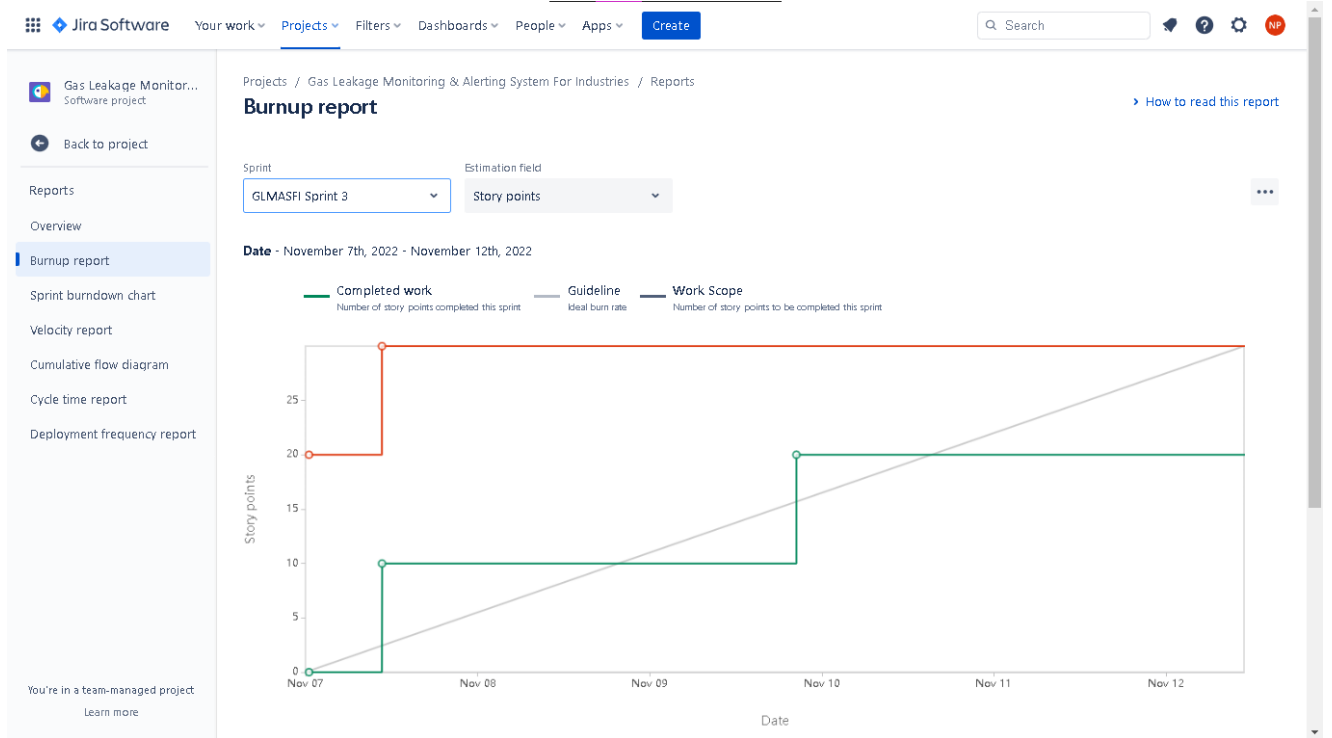
```
    'Pressure ': pre    }    client. Publish Event (event Id="status",    msg Format="json",  
data=my Data, qos=0, on Publish=None) print ("Published data Successfully: %s", my Data)
```

```
    client. Command Call back    =    my Command Callback    time. sleep (2)  
client. disconnect (
```

DEVELOP THE WEB APPLICATION USING NODE-RED



JIRA REPORT



Gas Leakage Monitor...
Software project

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Reports

Overview

Burnup report

Sprint burndown chart

Velocity report

Cumulative flow diagram

Cycle time report

Deployment frequency report

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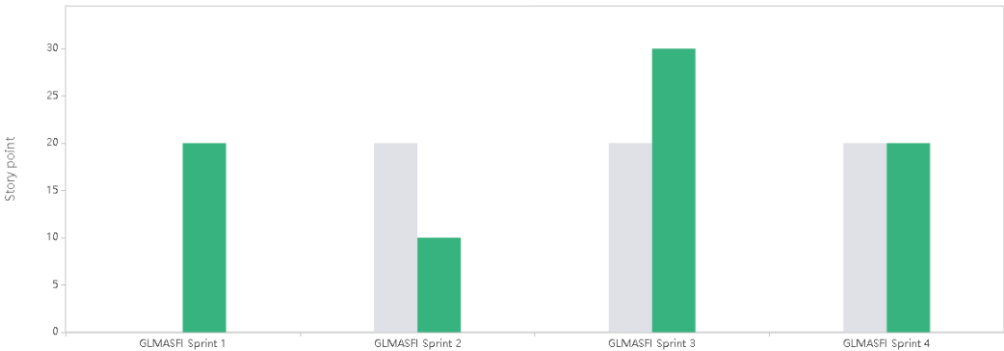
Projects / Gas Leakage Monitoring & Alerting System For Industries / Reports

How to read this report

Velocity report

Commitment
The amount of work in the sprint when it began.

Completed
The amount of work done during the sprint.



Sprint	Commitment	Completed
GLMASFI Sprint 1	0	20
GLMASFI Sprint 2	20	10
GLMASFI Sprint 3	20	30
GLMASFI Sprint 4	20	20

