

The IBM logo is displayed in white text on a blue arrow-shaped background, which is part of a larger blue horizontal bar. To the left of this bar is a thick, dark blue vertical bar. In the bottom-left corner, there are several thin, curved, light blue lines that resemble stylized grass or reeds.

# SPRINT 2 REPORT

SMARTFARMER – IOT  
ENABLEDSMART FARMING  
APPLICATION

**TEAM ID – PNT2022TMID01028**

- **TEAM LEADER : KALAIKAVIYA V B**
- **TEAM MEMBER : KUMUDHA PRIYA T P**
- **TEAM MEMBER : ANANDHI P**
- **TEAM MEMBER : GAYATRI PADMA SREE**

## Project Tracker

<b>Sprint</b>	<b>Total Story Points</b>	<b>Duration</b>	<b>Sprint Start Date</b>	<b>Sprint End Date (Planned)</b>	<b>Story Points Completed (as on Planned End Date)</b>	<b>Sprint Release Date (Actual)</b>
Sprint-1	15	5 Days	26 Oct 2022	30 Oct 2022	15	30 Oct 2022
Sprint-2	15	7 Days	31 Oct 2022	06 Nov 2022	15	07 Nov 2022
Sprint-3	15	6 Days	07 Nov 2022	12 Nov 2022		13 Nov 2022
Sprint-4	15	6 Days	13 Nov 2022	18 Nov 2022		18 Nov 2022 – 19 Nov 2022

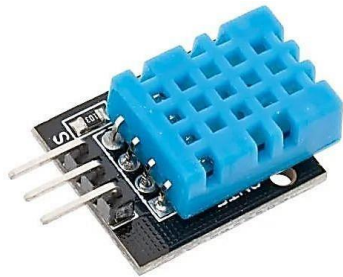
## WORKDONE IN DASHBOARD :

As per user stories, we created a dashboard with data is represented in graphical representation with organized section in separate widget for better user understanding.

## DEVICES ESTIMATION :

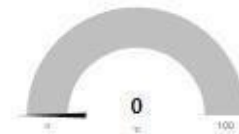
- Temperature and Humidity Sensor
- Soil Moisture Sensor

Above sensor are used for sensing some parameters.

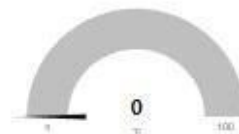


### Measured Data

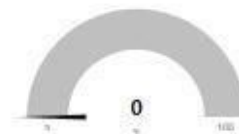
Actual Temperature



Object Temperature



Actual Humidity



Actual Temperature(°C)

Humidity(%)

Object Temperature(°C)

### Weather Forecasting Data

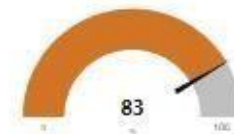
Temperature



Feels like



Relative Humidity



Max. Temperature(°C) 26.99

Min. Temperature(°C) 26.99

Actual Temperature(°C) 26.99

Feels like(%) 30.00

Relative Humidity(°C) 83.00

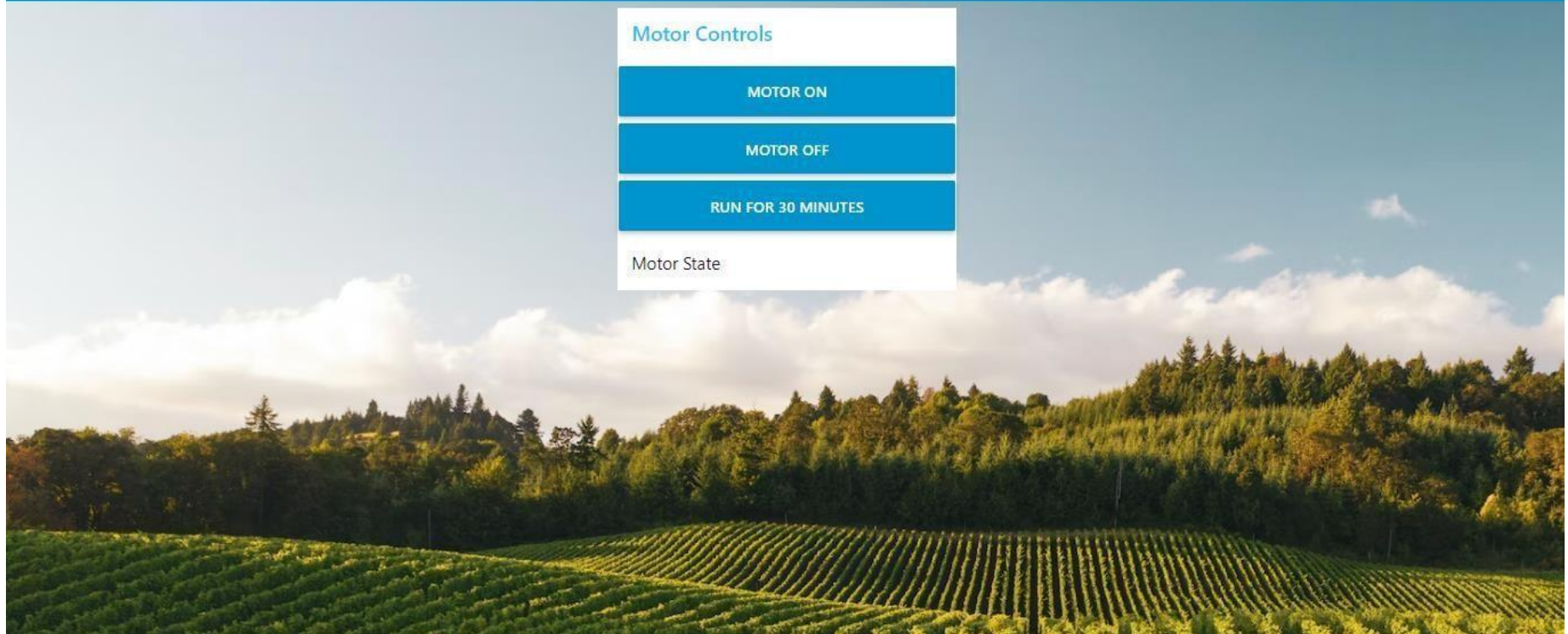
### Motor Controls

MOTOR ON

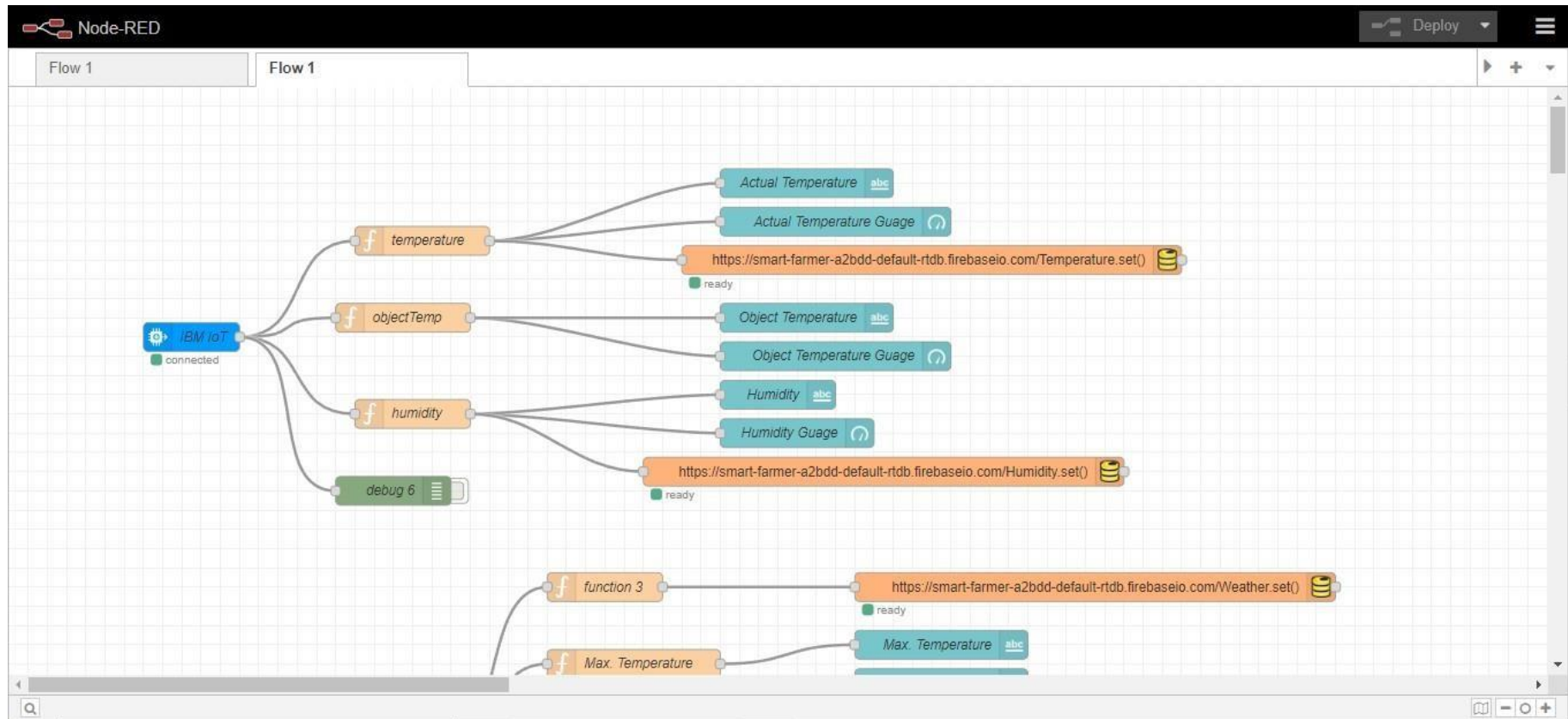
MOTOR OFF

RUN FOR 30 MINUTES

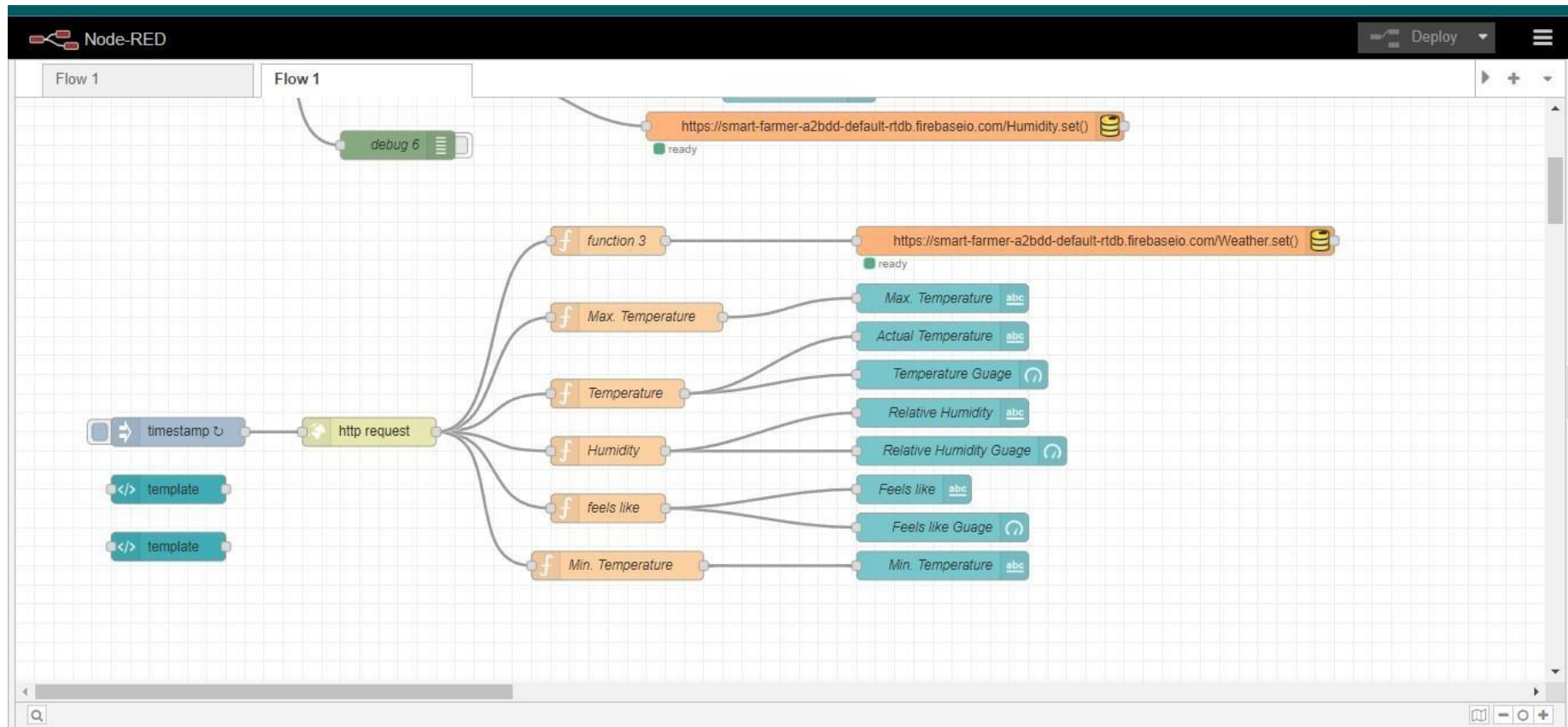
Motor State

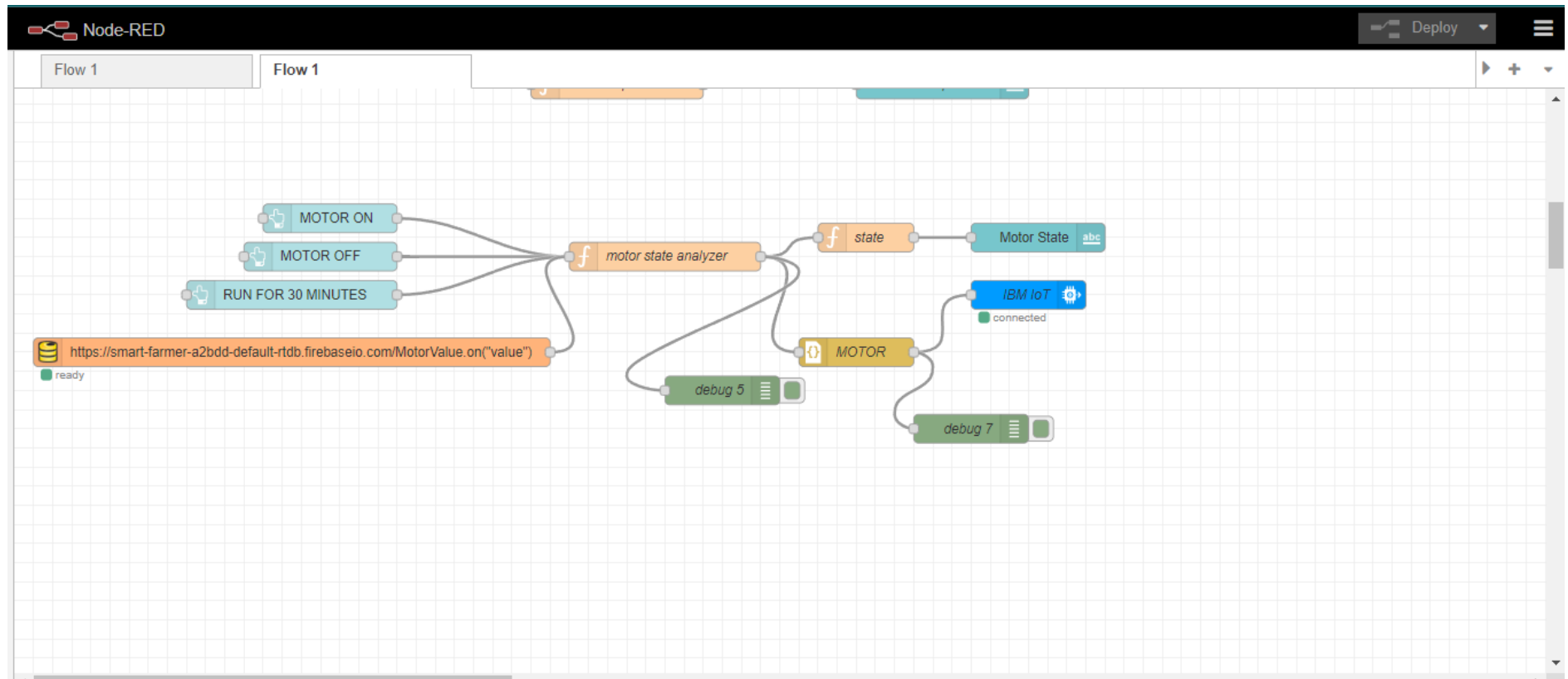


## Node Red Connection:





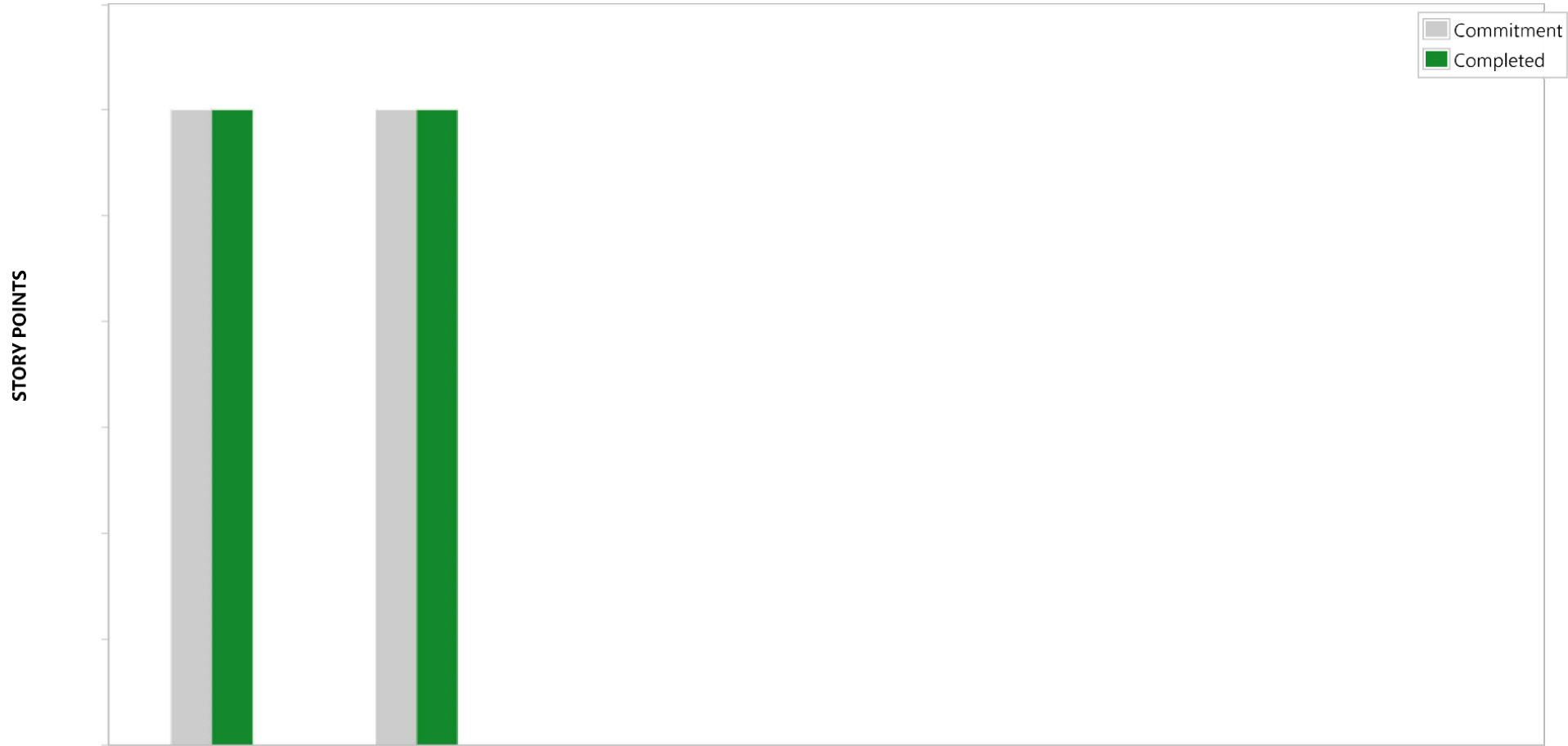
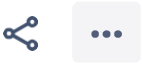




Reports like Velocity Report, Burndown Report are attached below



# Velocity Chart



Sprint	Commitment	Completed
SFDSPrint 1	15	15
SFDSPrint 2	15	15



Your work ▾

**Projects ▾**

Filters ▾

Dashboards ▾

People ▾

Apps ▾



Projects / Smart Farmer Development Phase / SFDP board / Reports

## Burndown Chart

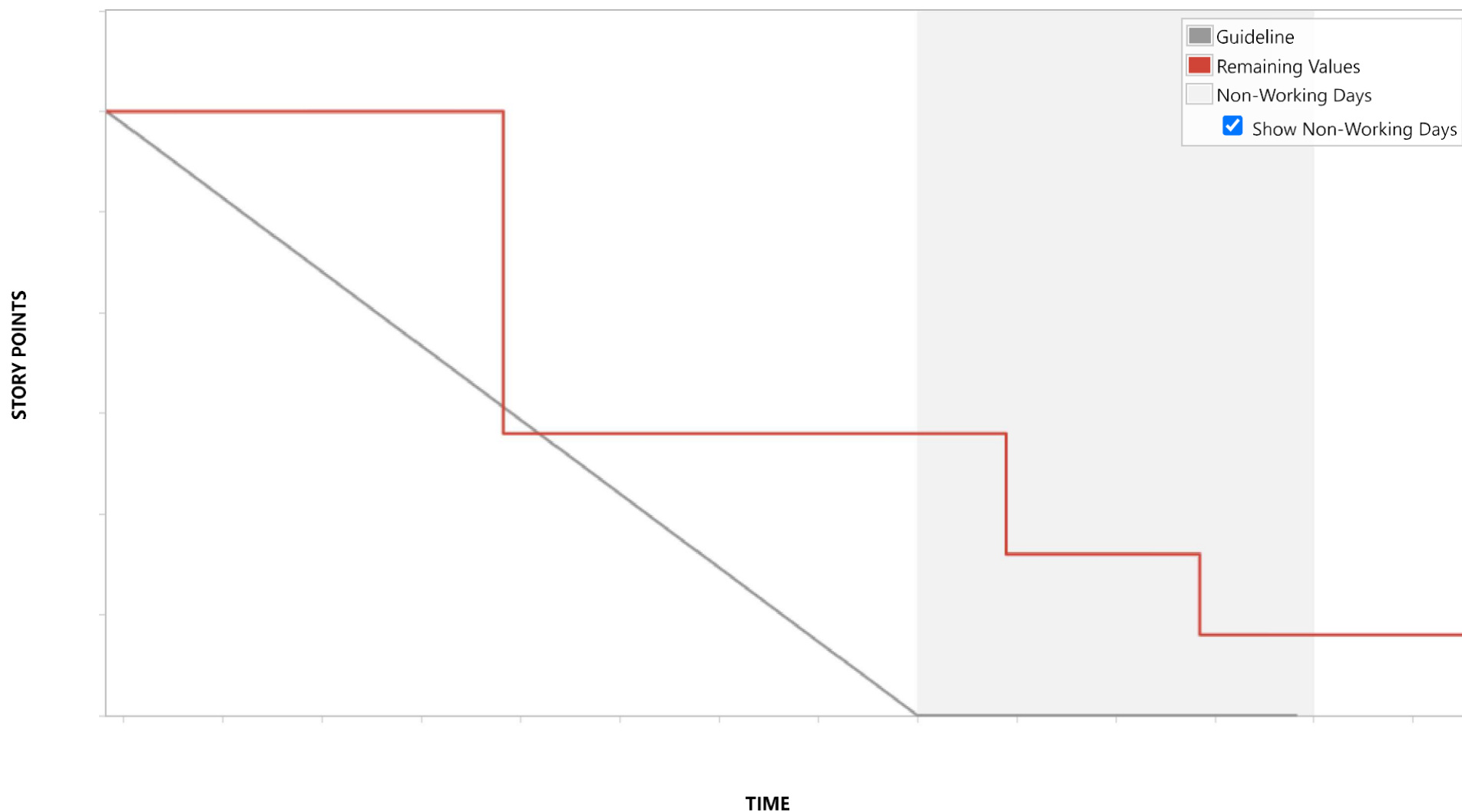


SFDP Sprint 2

Story Points ▾




Create Hardware working model and Node-red Connection





31/Oct/22 9:56 PM	SFDP-14 SFDP-15 SFDP-16 SFDP-18 SFDP-19	Sprint start		3 3 5 2 2		15
02/Nov/22 9:56 PM	SFDP-16	Burndown	Issue completed		5	10
	SFDP-15	Burndown	Issue completed		3	7
05/Nov/22 10:42 AM	SFDP-14	Burndown	Issue completed		3	4
06/Nov/22 10:08 AM	SFDP-18	Burndown	Issue completed		2	2
07/Nov/22 6:59 PM	SFDP-19	Burndown	Issue completed		2	0
	SFDP-14 SFDP-15 SFDP-16 SFDP-18 SFDP-19	Sprint ended by	Kalaikaviya V B			0 0 0 0 0 0

## SFDP Sprint 2

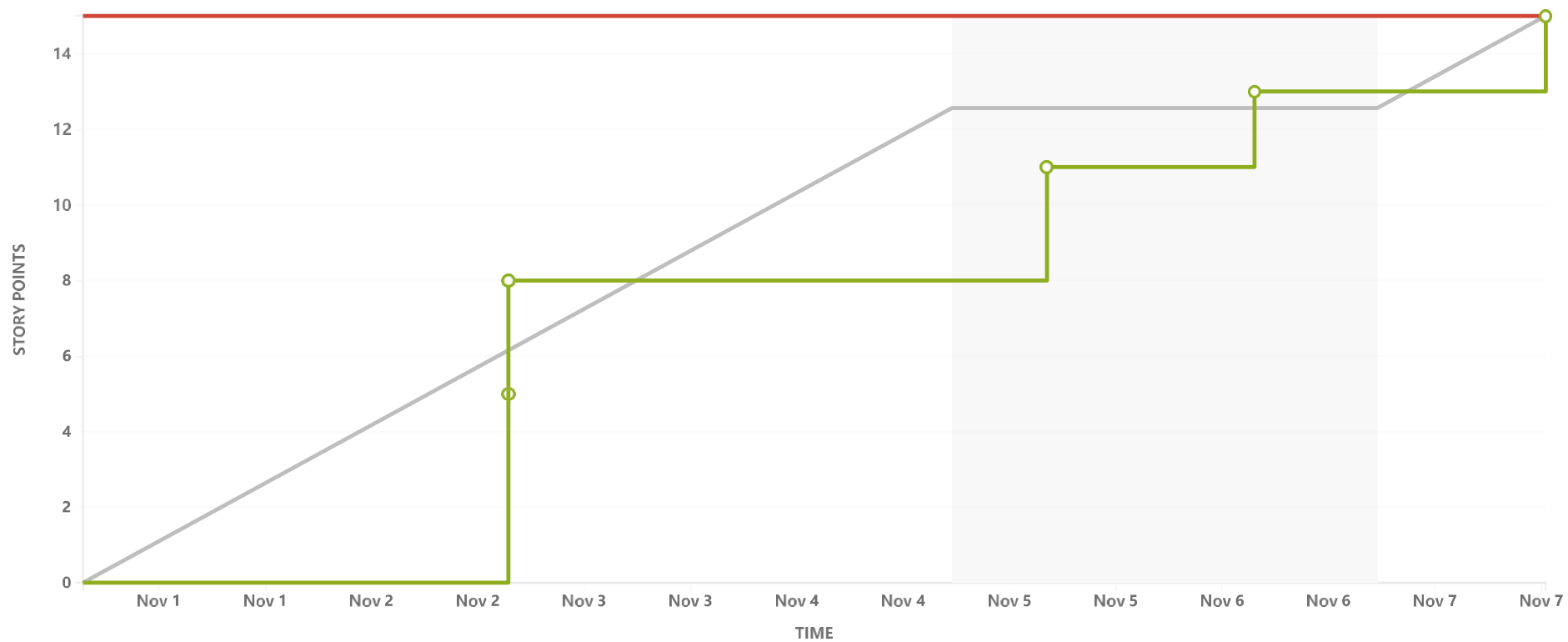
Story Points ▼

 Work scope
  Scope projection

 Completed Work

 Guideline

### Create Hardware working model and Node-red Connection



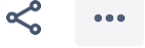
Date	Event Type	Issue	Completed Work	Work scope
31/Oct/22 9:56 PM	Sprint started	<a href="#">SFDP-14</a> Organised widget section <a href="#">SFDP-15</a> Graphical / Pictorial Representantion for app and web ui <a href="#">SFDP-16</a> Single Widget Representation <a href="#">SFDP-18</a> Least Devices and Better Output <a href="#">SFDP-19</a> Low cost setup	0	15

2/Nov/22 9:56 PM	Issue completed	<a href="#">SFDP-15</a> Graphical / Pictorial Representantion for app and web ui	5 → 8	15
5/Nov/22 10:42 AM	Issue completed	<a href="#">SFDP-14</a> Organised widget section	8 → 11	15
6/Nov/22 10:08 AM	Issue completed	<a href="#">SFDP-18</a> Least Devices and Better Output	11 → 13	15
7/Nov/22 6:59 PM	Issue completed	<a href="#">SFDP-19</a> Low cost setup	13 → 15	15
7/Nov/22 6:59 PM	Sprint finished	<a href="#">SFDP-14</a> Organised widget section <a href="#">SFDP-15</a> Graphical / Pictorial Representantion for app and web ui <a href="#">SFDP-16</a> Single Widget Representation <a href="#">SFDP-18</a> Least Devices and Better Output <a href="#">SFDP-19</a> Low cost setup	15	15

---

Projects / Smart Farmer Development Phase / SFDP board / Reports

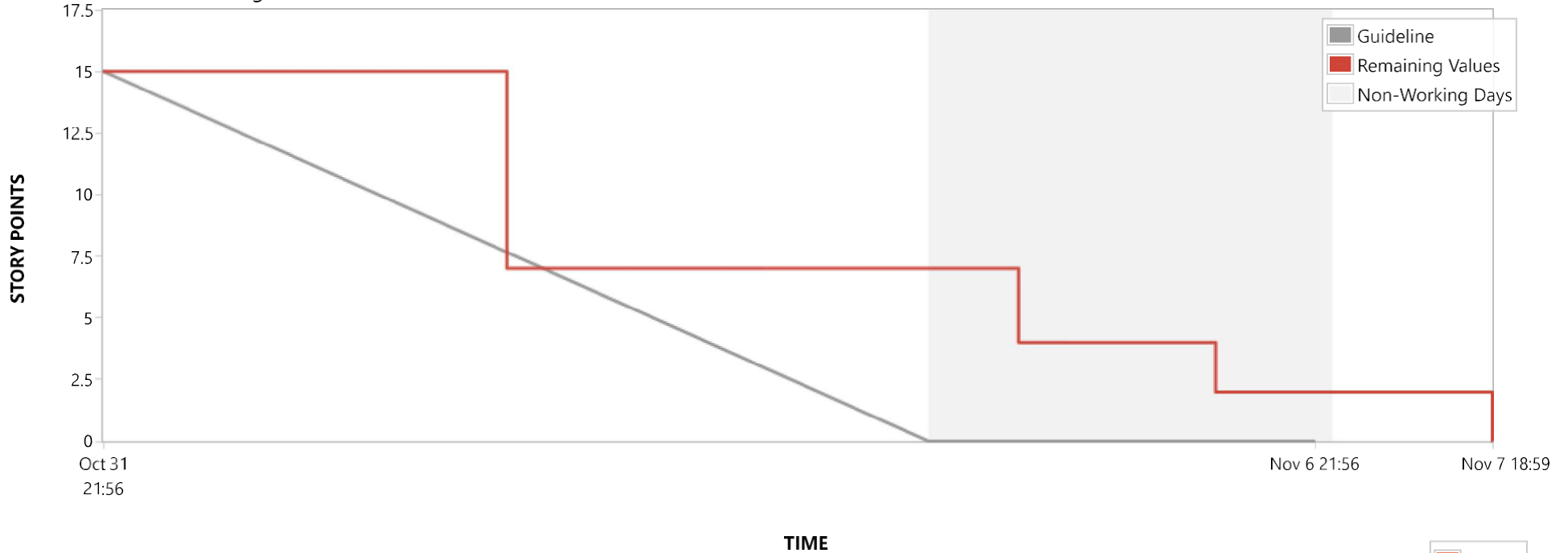
## Sprint Report



### SFDP Sprint 2

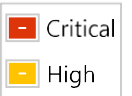


Create Hardware working model and Node-red Connection



Opsgenie alerts

Give feedback



ALERT

Connect an Opsgenie team in project settings to start syncing alert data. [Go to project settings](#)

Oct 31

Nov 06

N





Your work ▾

Projects ▾

Filters ▾

Dashboards ▾

People ▾

Apps ▾



## Status Report

### Completed Issues

[View in Issue Navigator](#)

Key	Summary	Issue Type	Priority	Status	Story Points (15)
SFDP-14	Organised widget section	Story	Highest	DONE	3
SFDP-15	Graphical / Pictorial Representantion for app and web ui	Story	Low	DONE	3
SFDP-16	Single Widget Representation	Story	Medium	DONE	5
SFDP-18	Least Devices and Better Output	Story	Highest	DONE	2
SFDP-19	Low cost setup	Story	Highest	DONE	2

