

The IBM logo is displayed in white text on a blue arrow-shaped background. The arrow points to the right and is positioned to the left of the main title.

IBM

SPRINT 2 REPORT

SMARTFARMER – IoT ENABLED
SMART FARMING APPLICATION

TEAM ID –PNT2022TMID13070

Abstract line art consisting of several curved, overlapping lines in dark blue and light grey, located in the bottom left corner of the slide.

Project Tracker

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
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

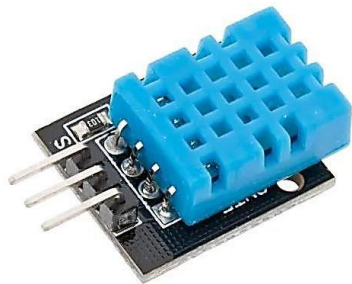
WORKDONE IN DASHBOARD :

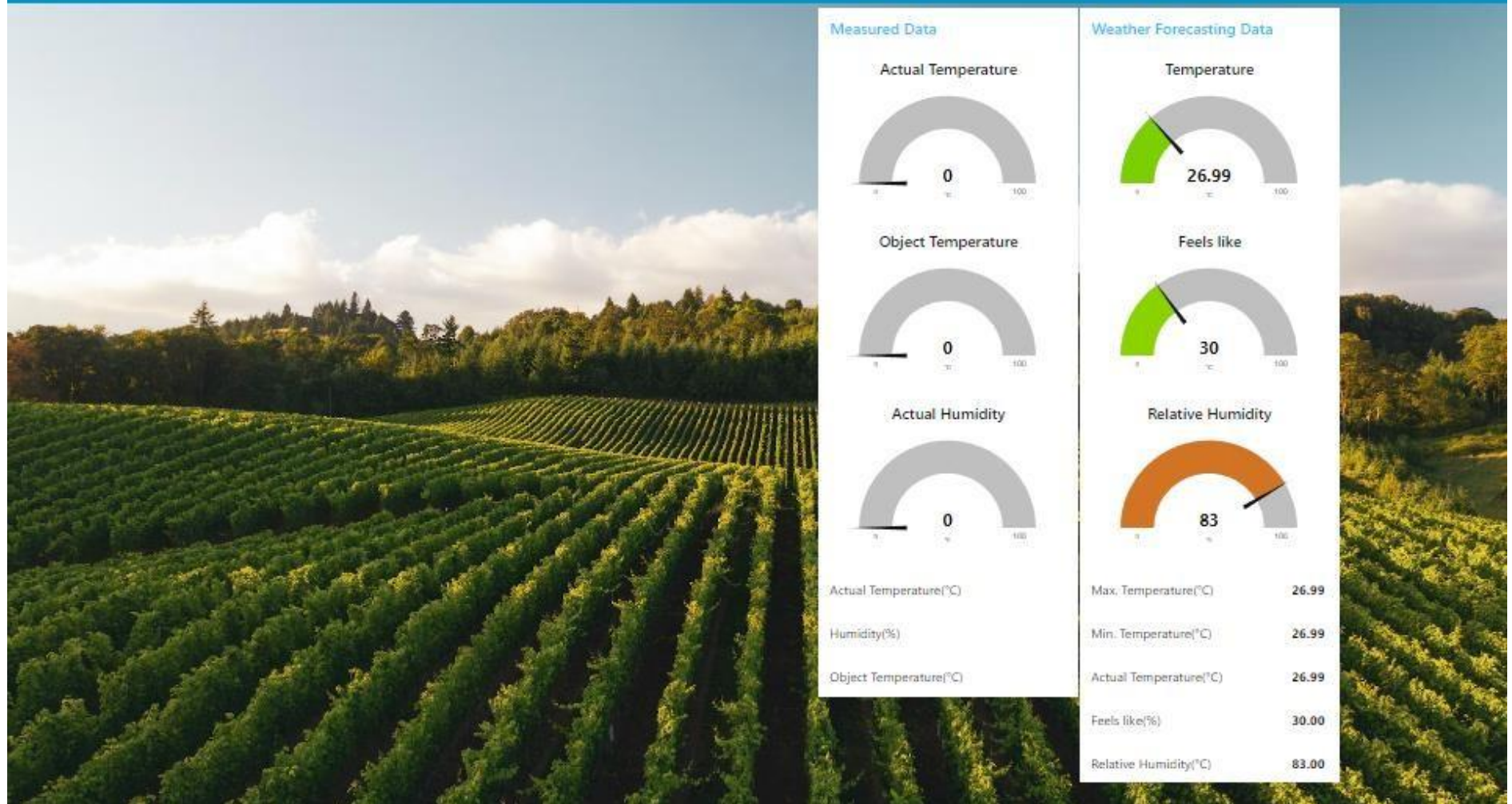
As per user stories, we created a dashboard with data is represented in graphical representation with organized section in separate widget for better user understanding.

DEVICES ESTIMATION :

- Temperature and Humidity Sensor
- Soil Moisture Sensor

Above sensor are used for sensing some parameters.





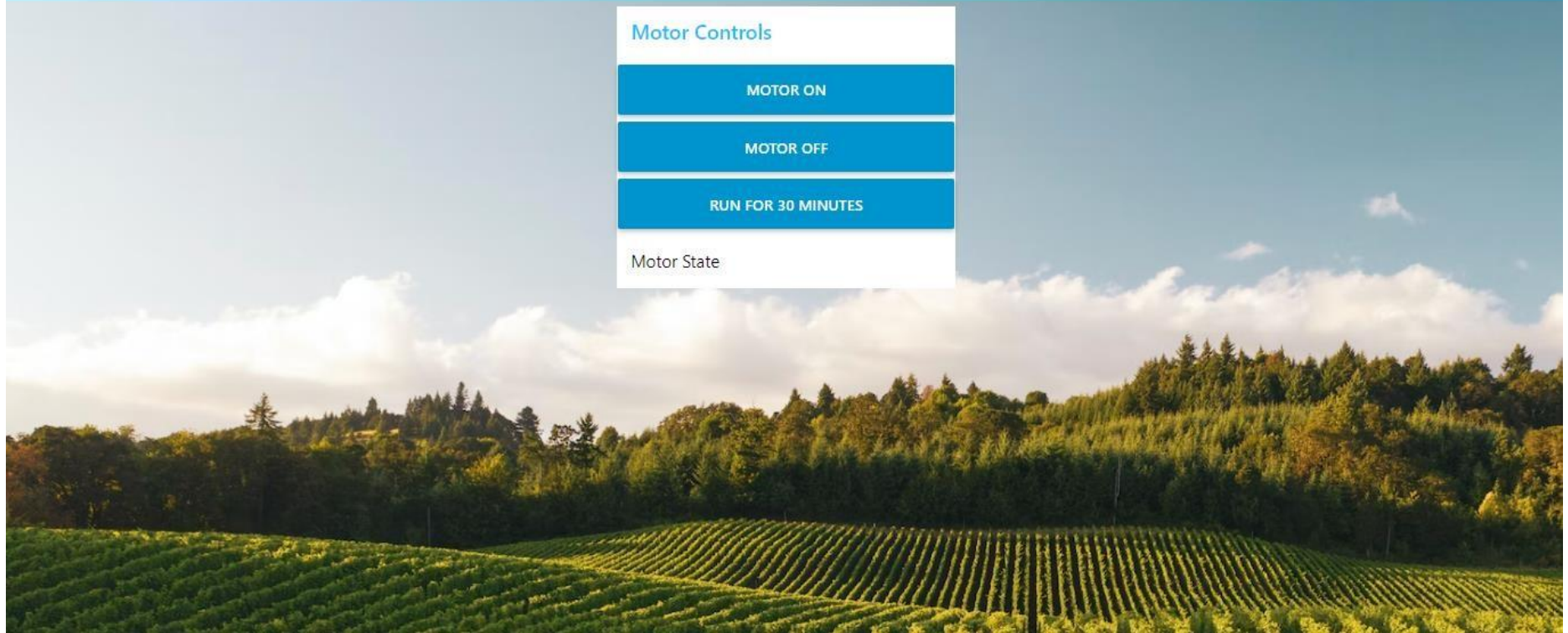
Motor Controls

MOTOR ON

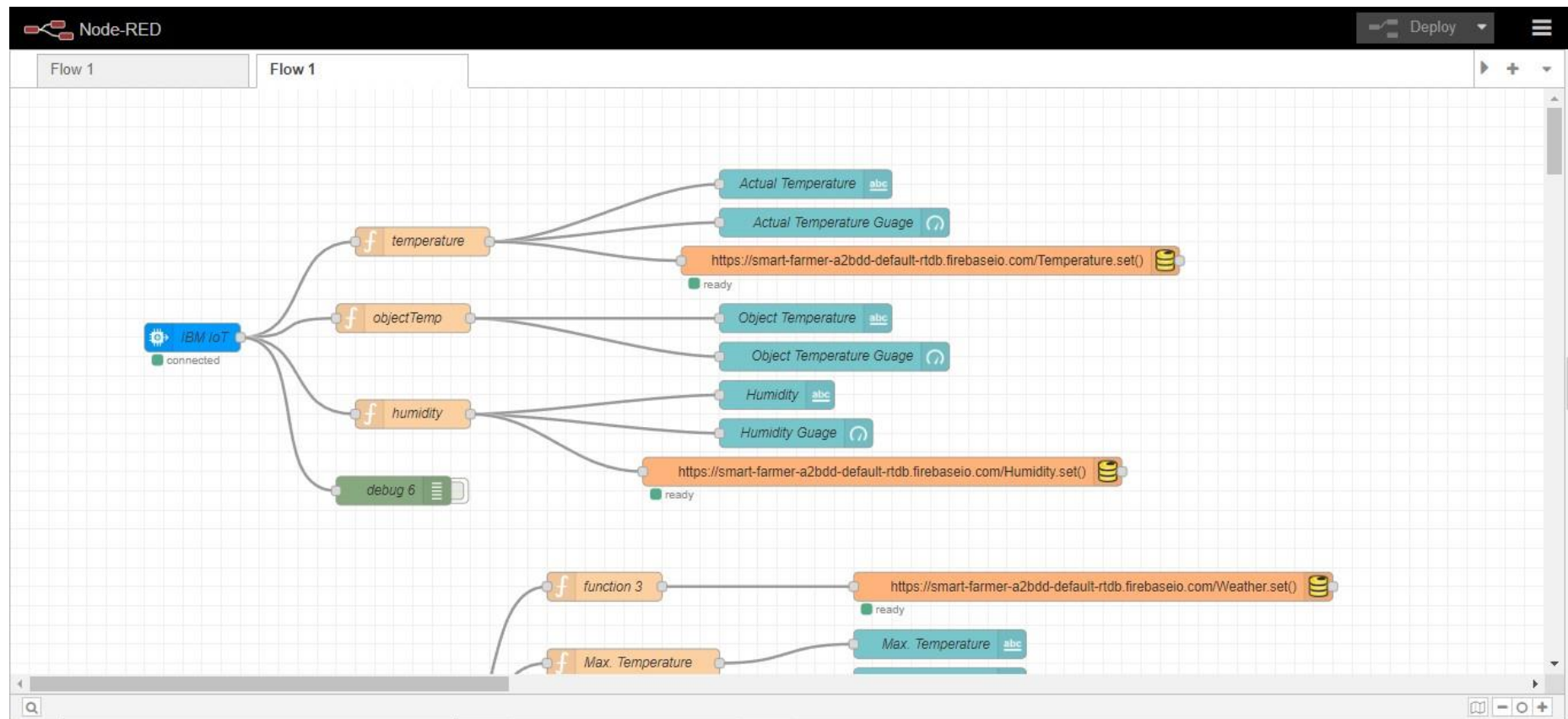
MOTOR OFF

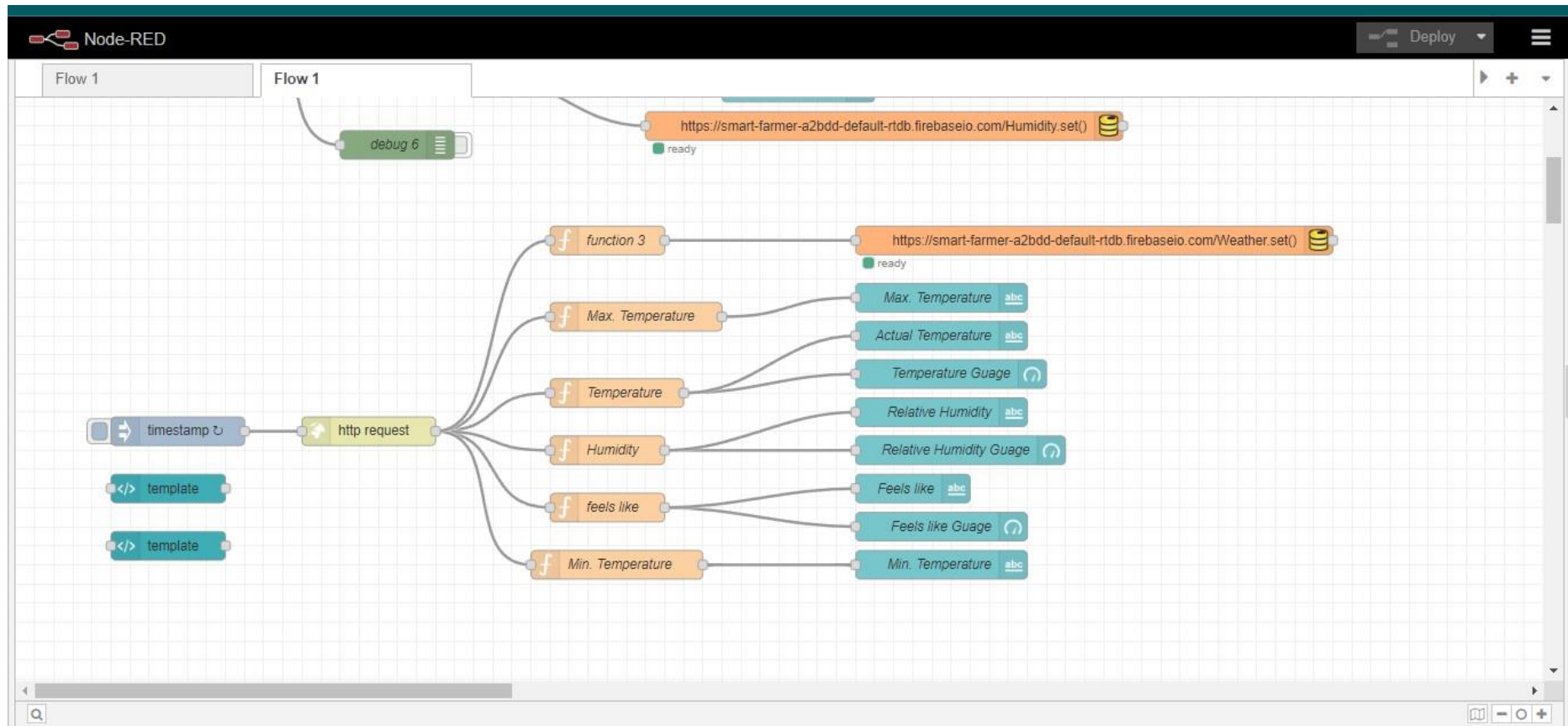
RUN FOR 30 MINUTES

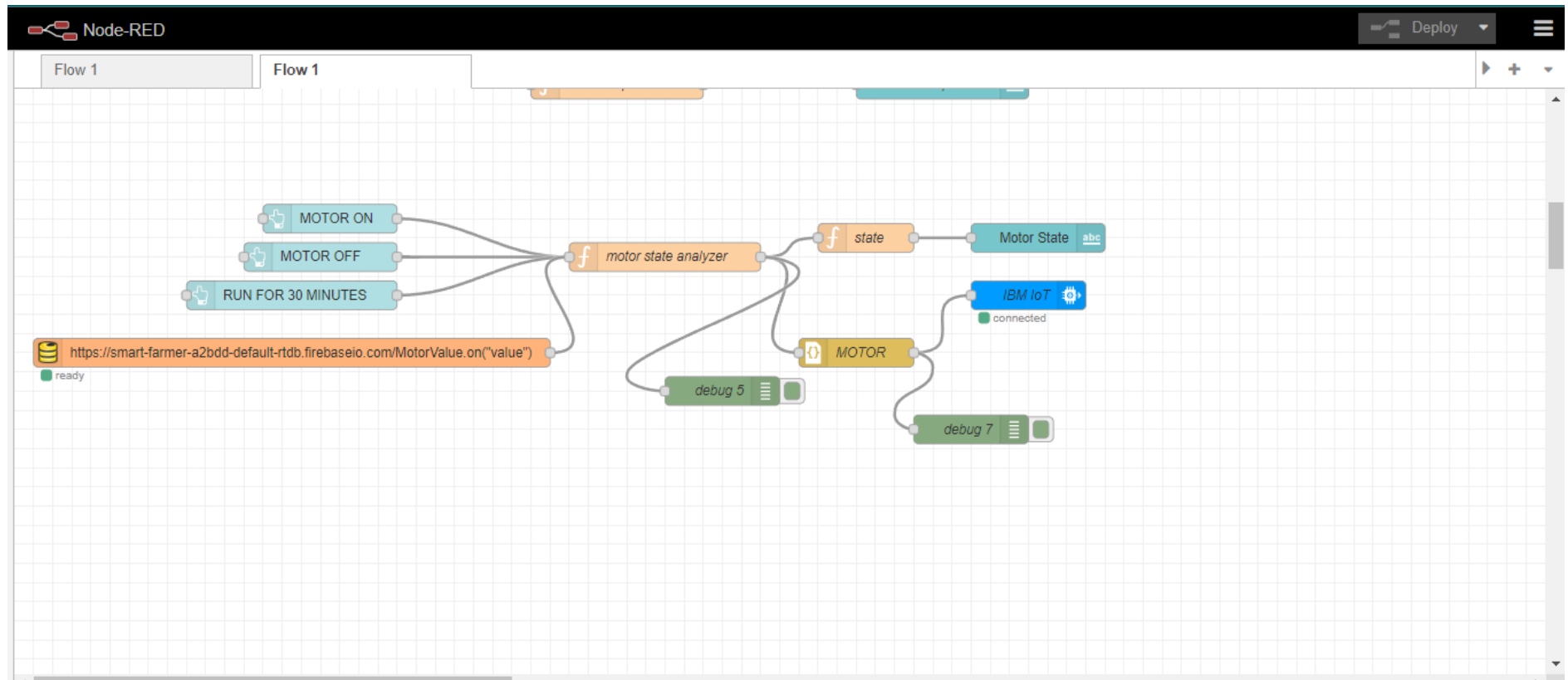
Motor State



Node Red Connection:



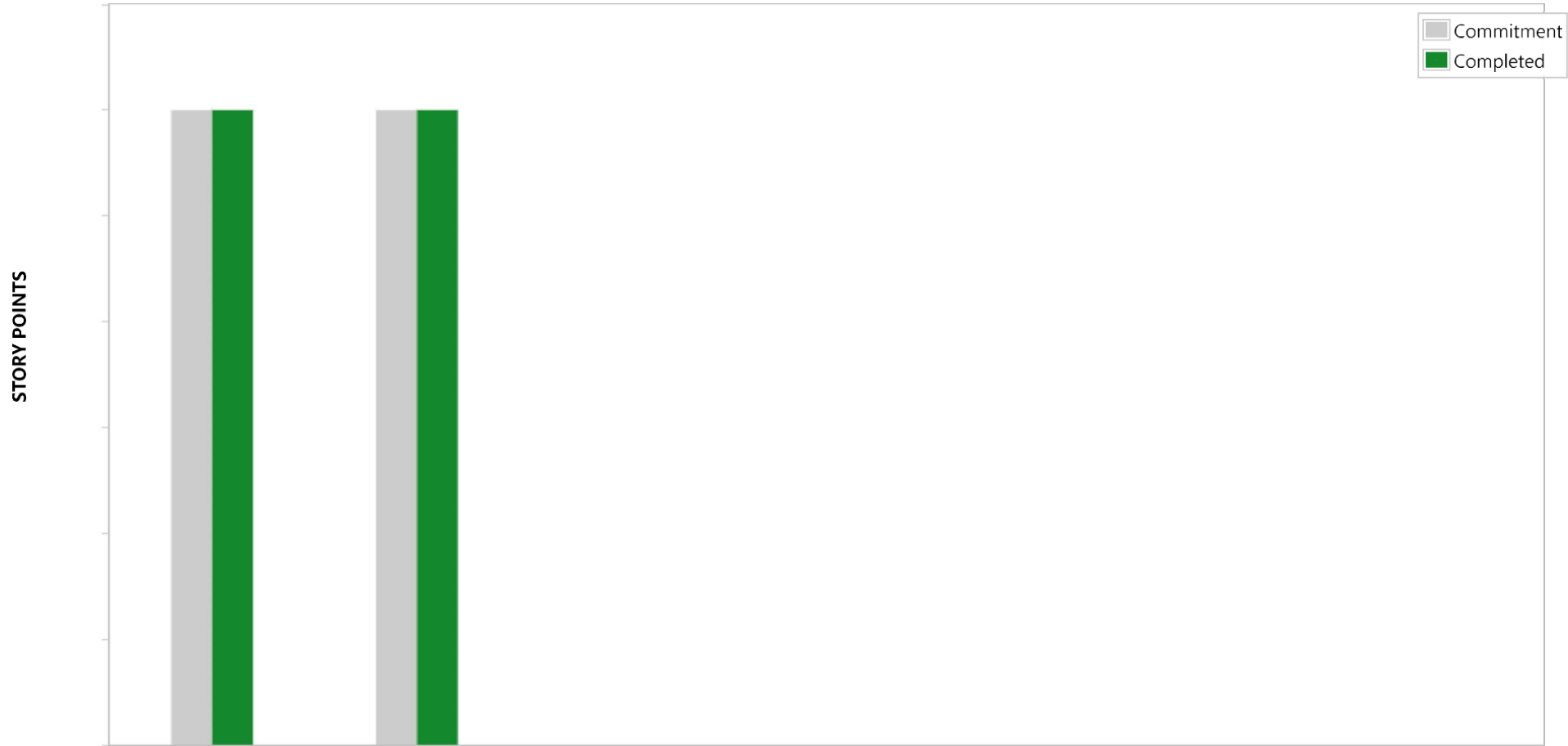
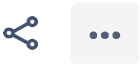




Reports like Velocity Report, Burndown Report are attached below

Projects / Smart Farmer Development Phase / SFDP board / Reports

Velocity Chart



Sprint	Commitment	Completed
SFDP Sprint 1	15	14
SFDP Sprint 2	15	14

>

Projects / Smart Farmer Development Phase / SFDP board / Reports

Burndown Chart



SFDP Sprint 2

Story Points ▾



Create Hardware working model and Node-red Connection





Your work ▾

Projects ▾

Filters ▾

Dashboards ▾

People ▾





Apps ▾



31/Oct/22 9:56 PM	SFDP-14	Sprint start		3		15
	SFDP-15			3		
	SFDP-16			5		
	SFDP-18			2		
	SFDP-19			2		
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	Sprint ended by shanmugam				0
	SFDP-15					0
	SFDP-16					0
	SFDP-18					0
	SFDP-19					0
						0

SFDP Sprint 2

Story Points ▼

 Work scope  Scope projection
 Completed Work
 Guideline

The graph illustrates the cumulative story points over time. The Y-axis represents 'STORY POINTS' from 0 to 14. The X-axis represents 'TIME' from Nov 1 to Nov 7. A grey line shows a linear trend, while a green step-line shows the actual cumulative story points. A red line is at the top (15). A grey shaded area covers the period from Nov 4 to Nov 6.

Time	Linear Trend (Grey)	Cumulative Story Points (Green)
Nov 1	1.67	0
Nov 2	3.33	0
Nov 2 (end)	5.00	8
Nov 3	6.67	8
Nov 4	8.33	8
Nov 4 (end)	10.00	8
Nov 5	11.67	11
Nov 5 (end)	13.33	11
Nov 6	15.00	13
Nov 6 (end)	16.67	13
Nov 7	18.33	15

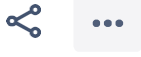
Date	Event Type	Issue	Completed Work	Work scope
31/Oct/22 9:56 PM	Sprint started	SFDP-14 Organised widget section SFDP-15 Graphical / Pictorial Representantion for app and web ui SFDP-16 Single Widget Representation SFDP-18 Least Devices and Better Output SFDP-19 Low cost setup	0	15



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

Projects / Smart Farmer Development Phase / SFDP board / Reports

Sprint Report

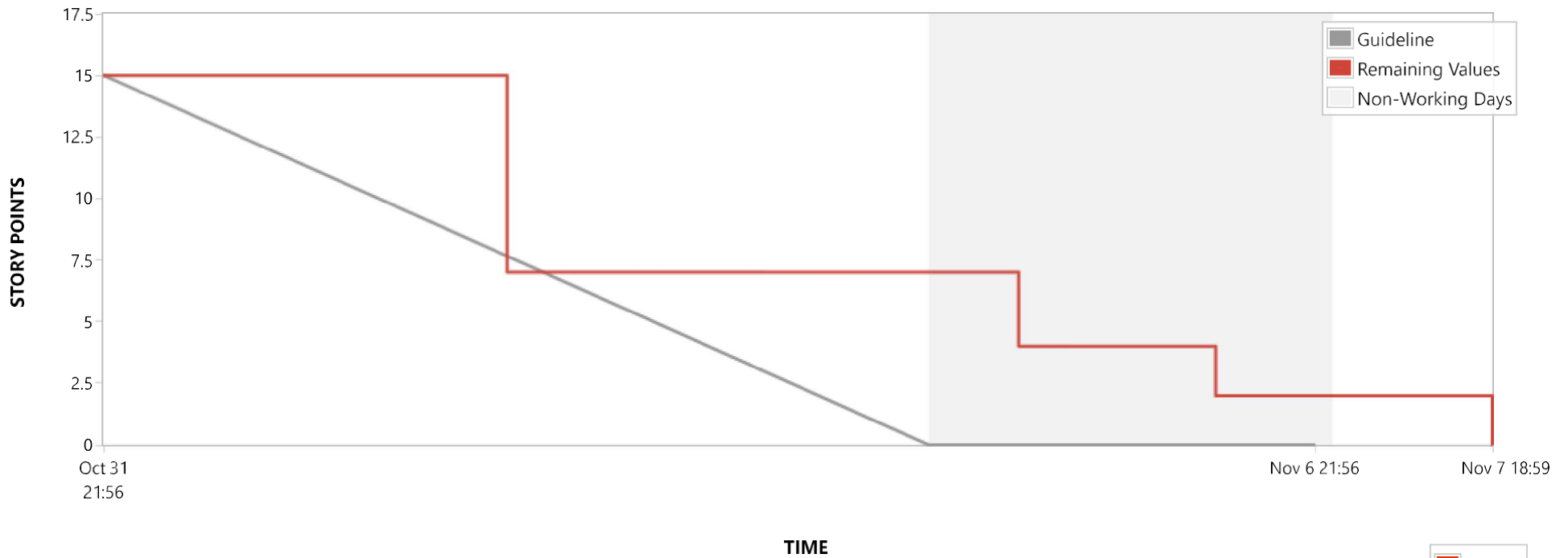


SFDP Sprint 2




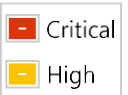
Closed sprint, ended by shanmugam 31/Oct/22 9:56 PM - 07/Nov/22 6:59 PM
View linked pages

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



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

