

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 sweep upwards and to the right.

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

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

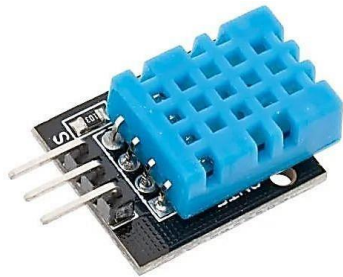
WORKDONE IN DASHBOARD :

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 :

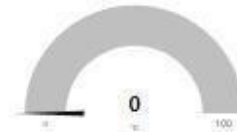
- Temperature and Humidity Sensor
- Soil Moisture Sensor

Above sensor are used for sensing some parameters.

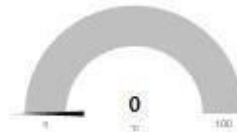


Measured Data

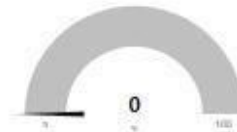
Actual Temperature



Object Temperature



Actual Humidity



Actual Temperature(°C)

Humidity(%)

Object Temperature(°C)

Weather Forecasting Data

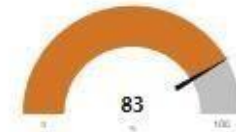
Temperature



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

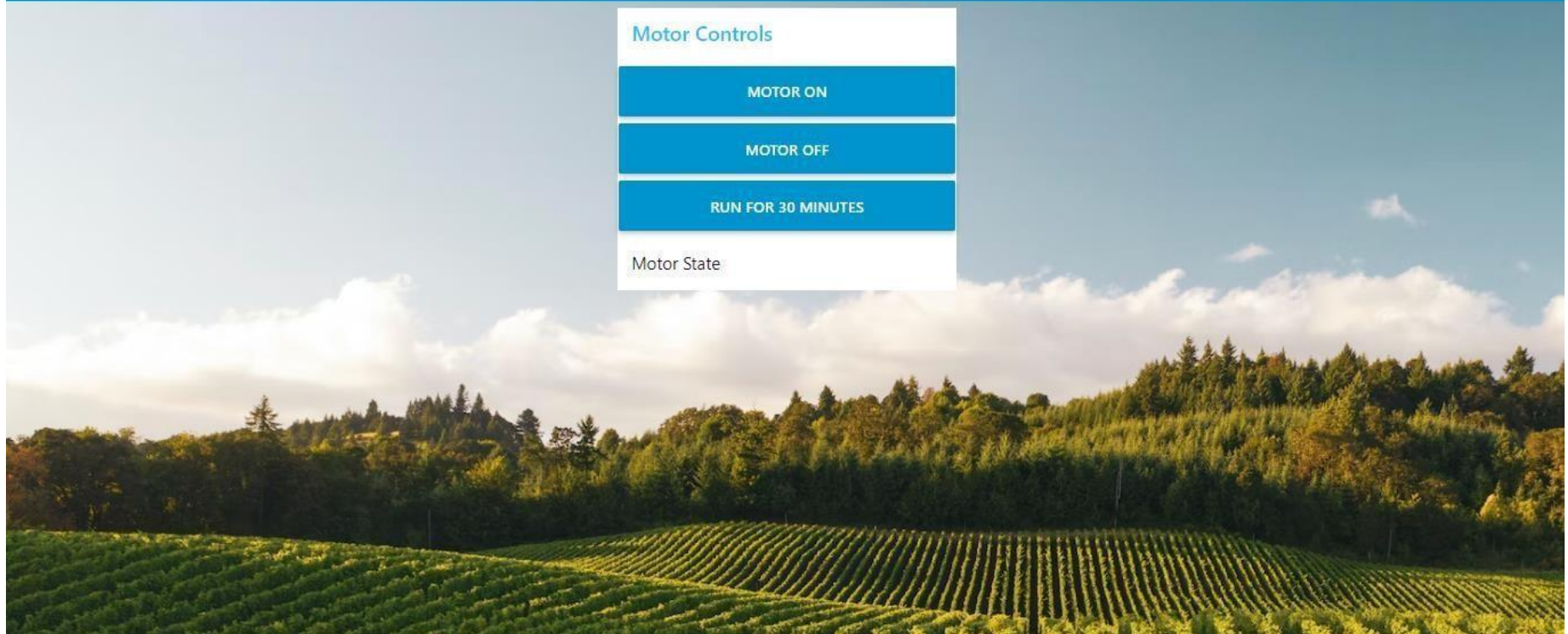
Motor Controls

MOTOR ON

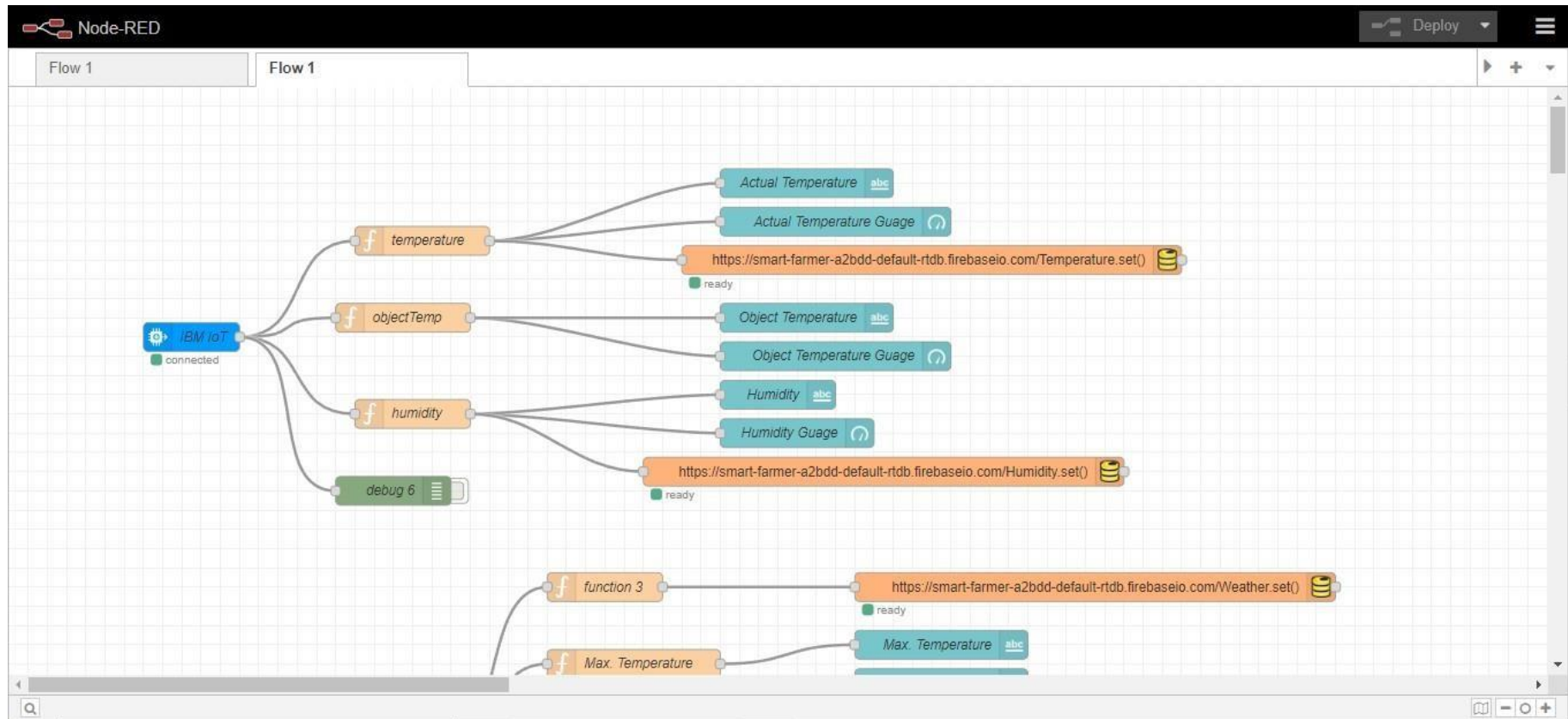
MOTOR OFF

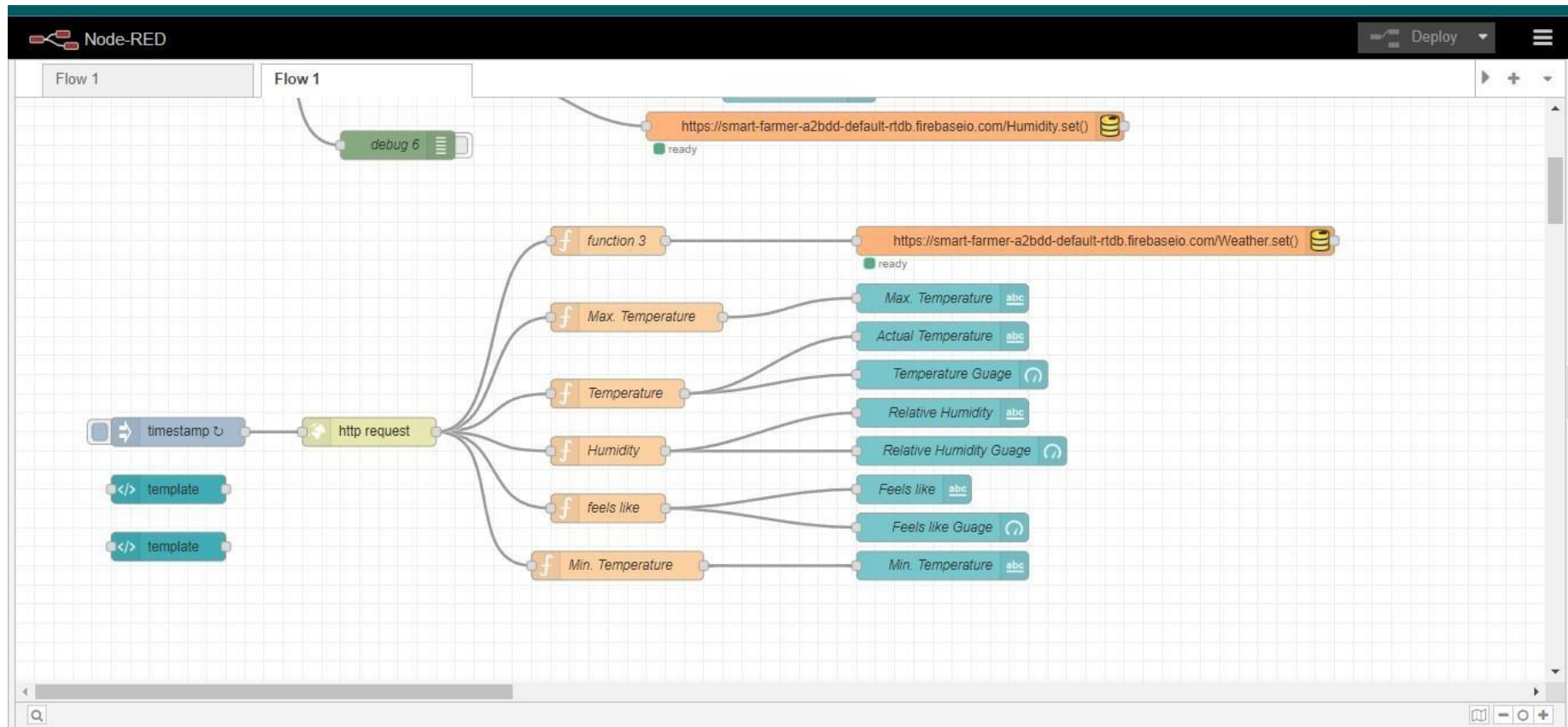
RUN FOR 30 MINUTES

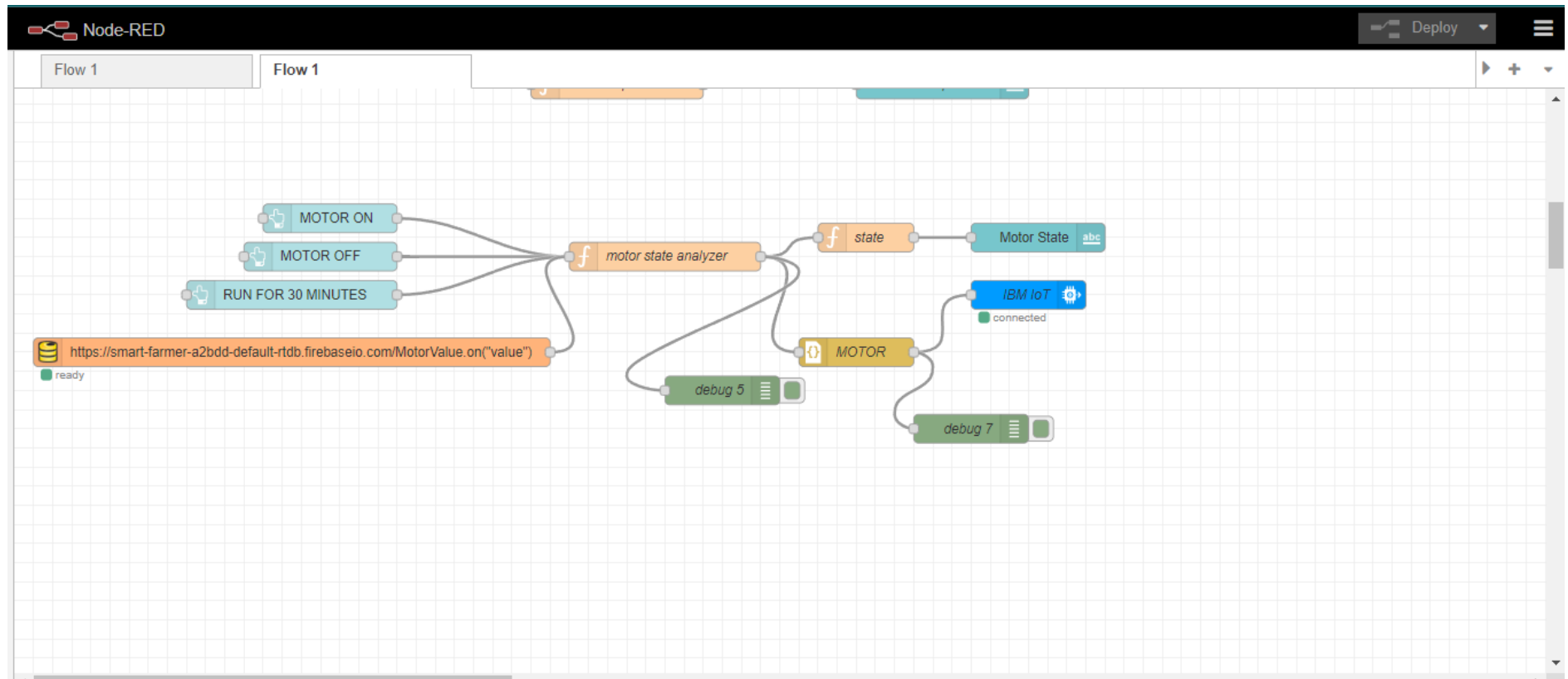
Motor State



Node Red Connection:







Reports like Velocity Report, Burndown Report are attached below