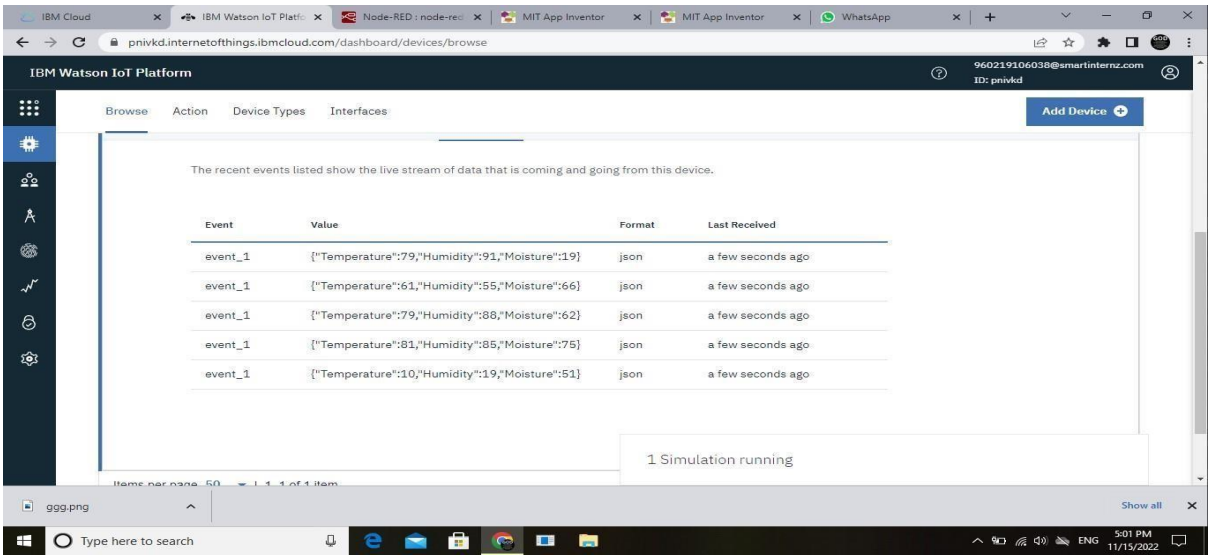
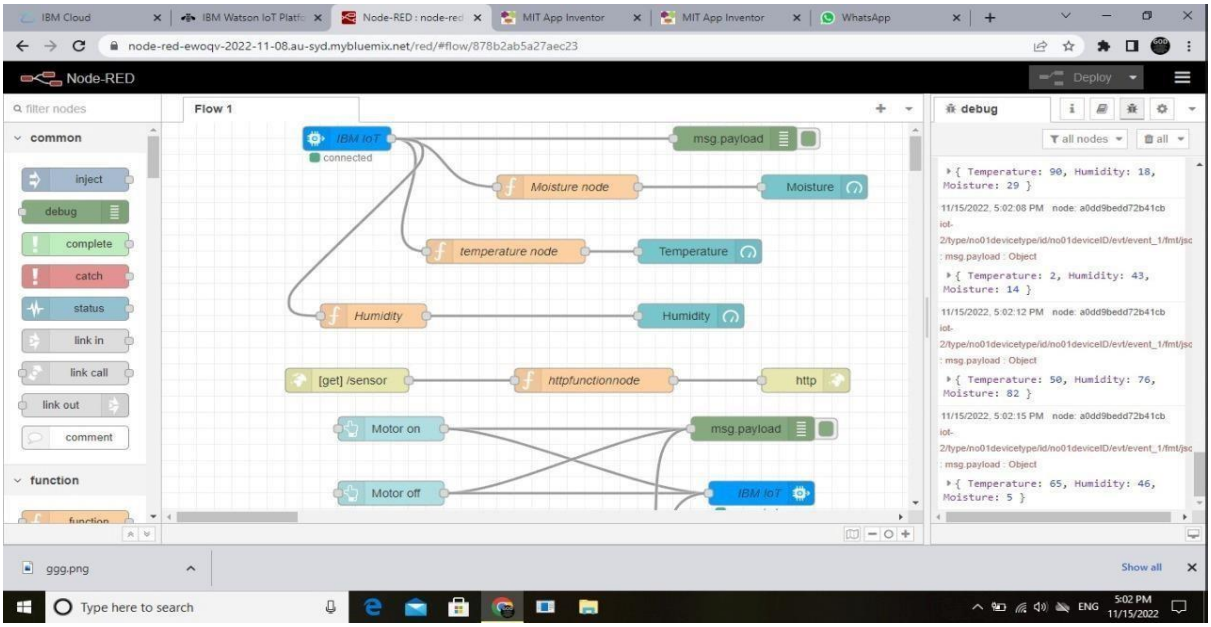
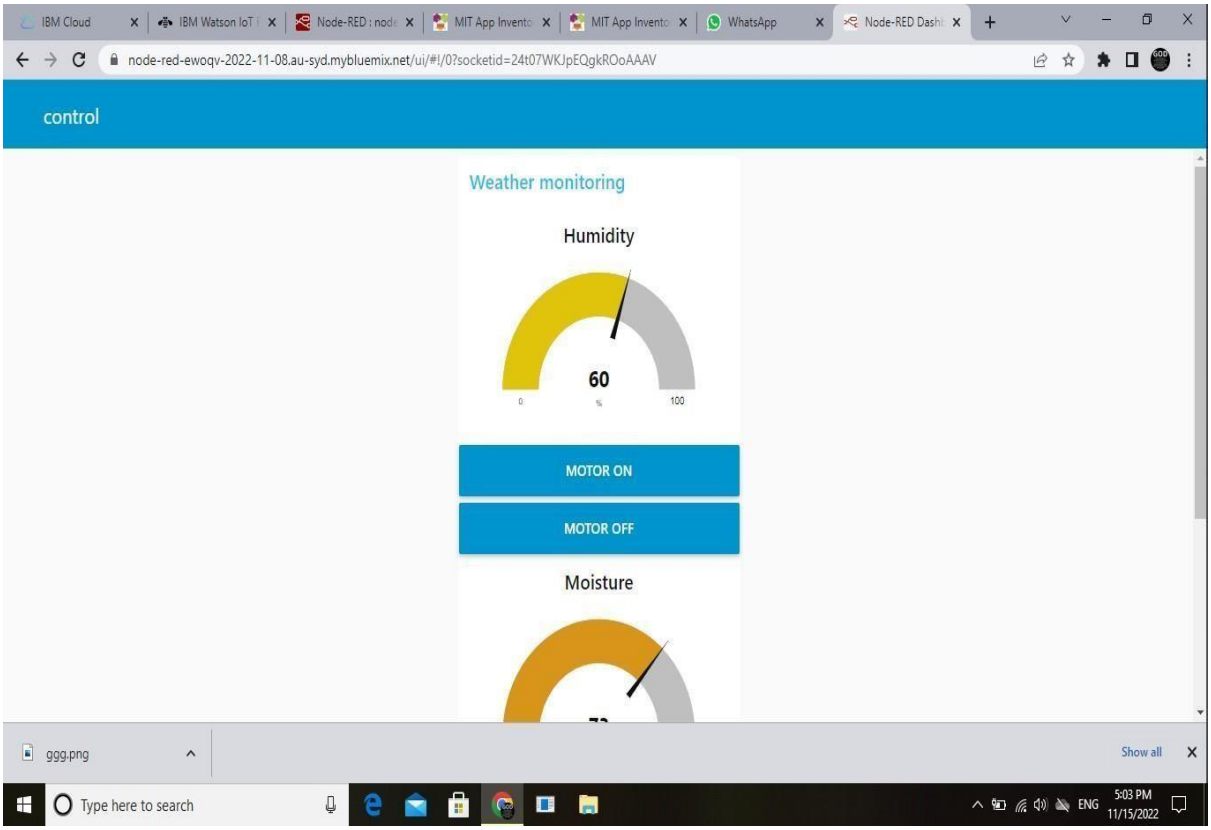
SPRINT- 4

Date	17 November 2022
Team ID	PNT2022TMID34110
Project Name	SmartFarmer-IoT Enabled Smart Farming Application

Connecting the developed application with Node-Red






IBM Cloud
IBM Watson IoT
Node-RED : node
MIT App Invento
MIT App Invento
WhatsApp
Node-RED Dashb
node-red-ewoqv-2022-11-08.au-syd.mybluemix.net/ui/#!/0?socketid=24t07WKJpEQgkROoAAAV
control
Weather monitoring
Humidity
60
0
%
100
MOTOR ON
MOTOR OFF
Moisture
ggg.png
Show all
Type here to search
ENG
5:03 PM
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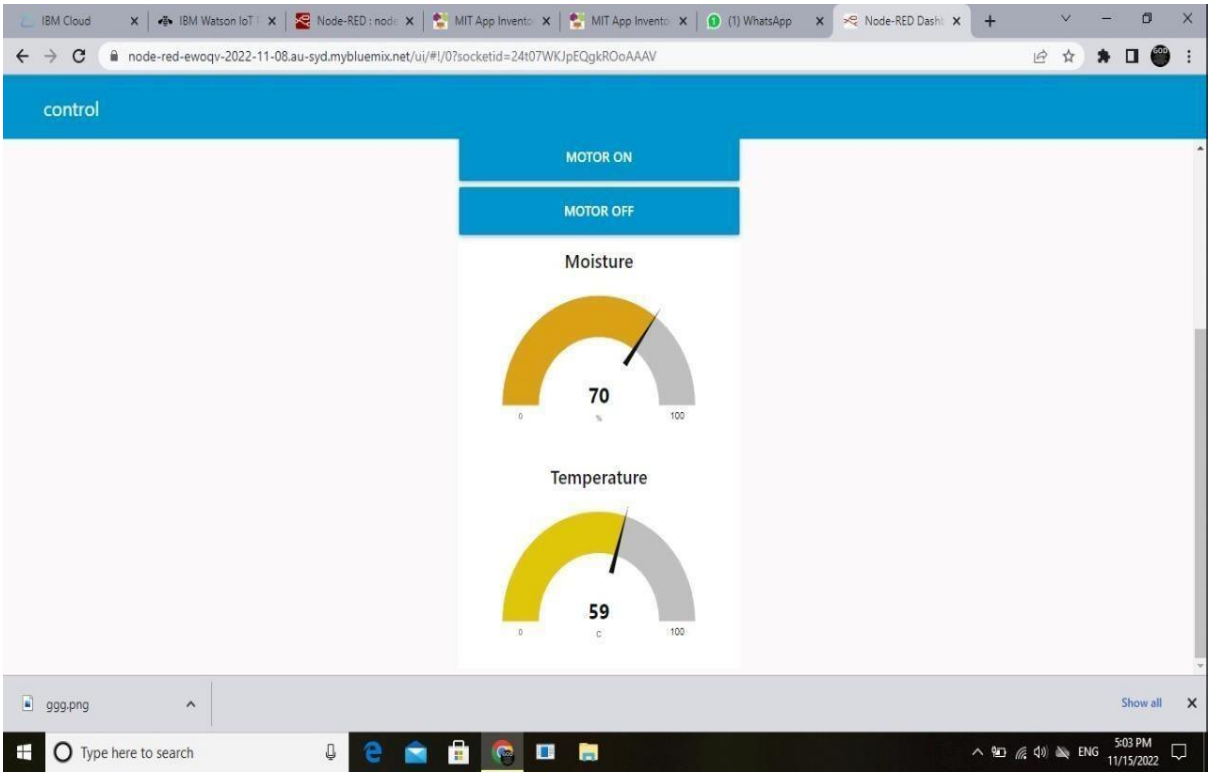
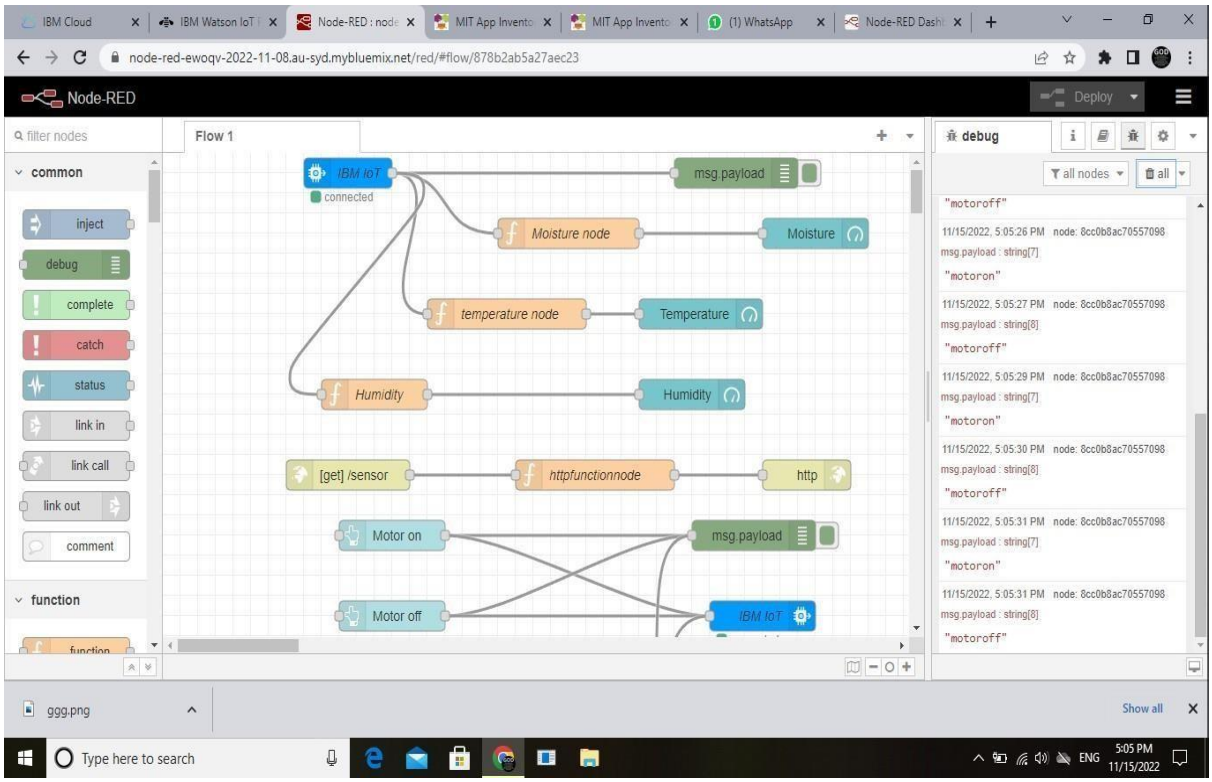
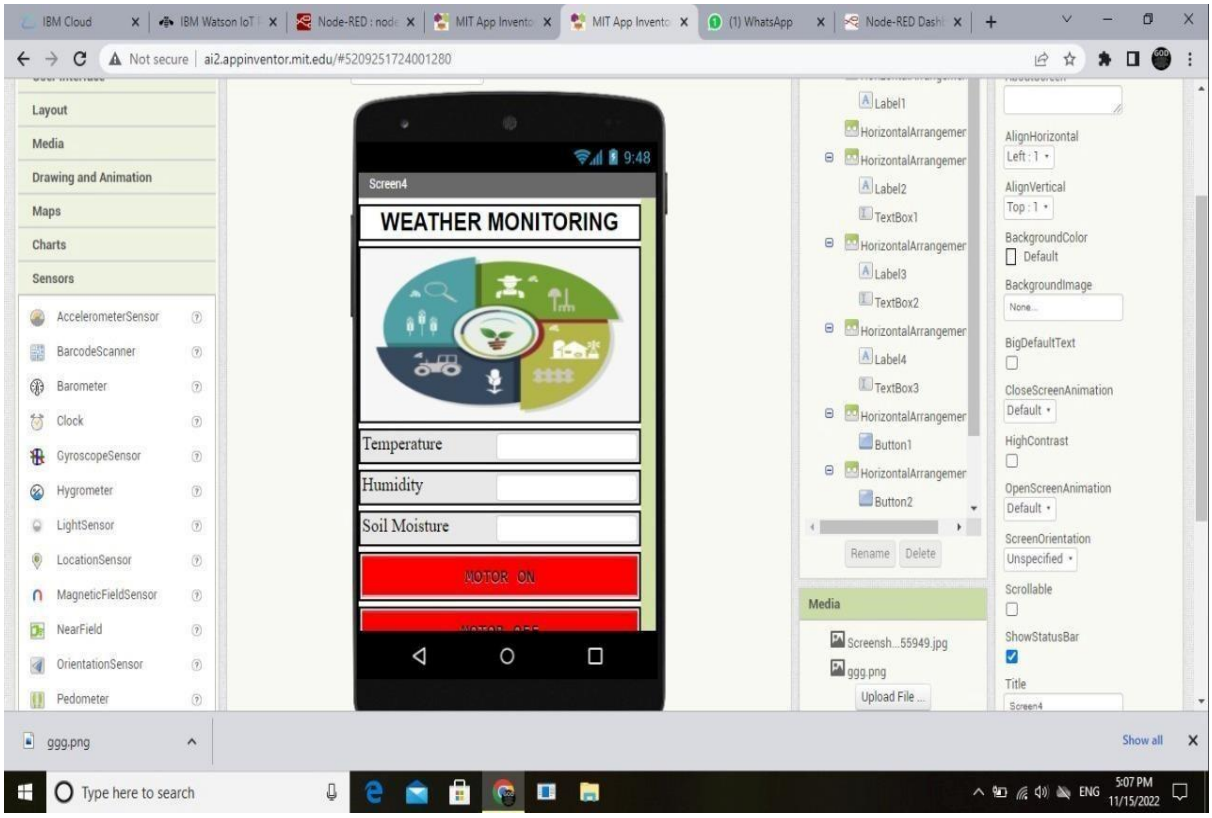
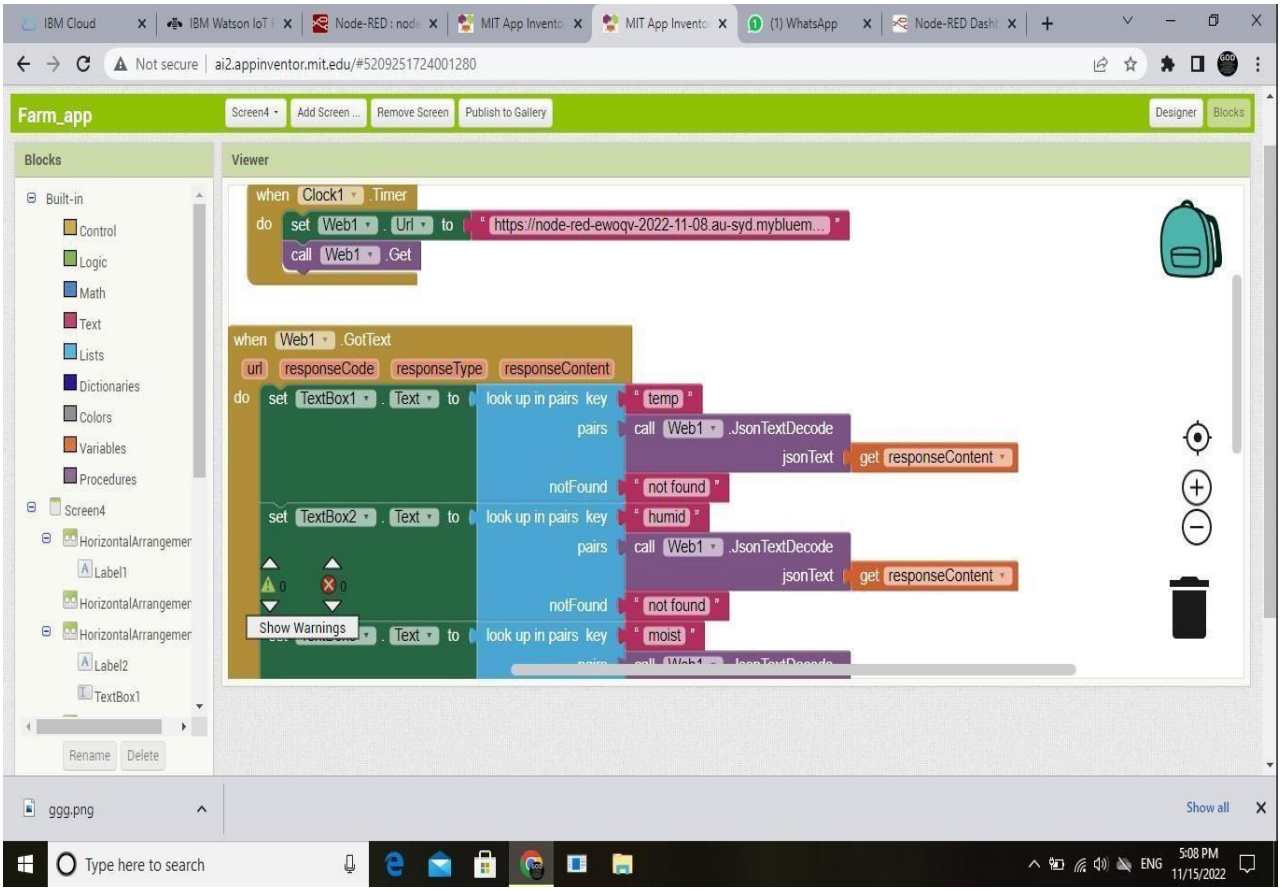
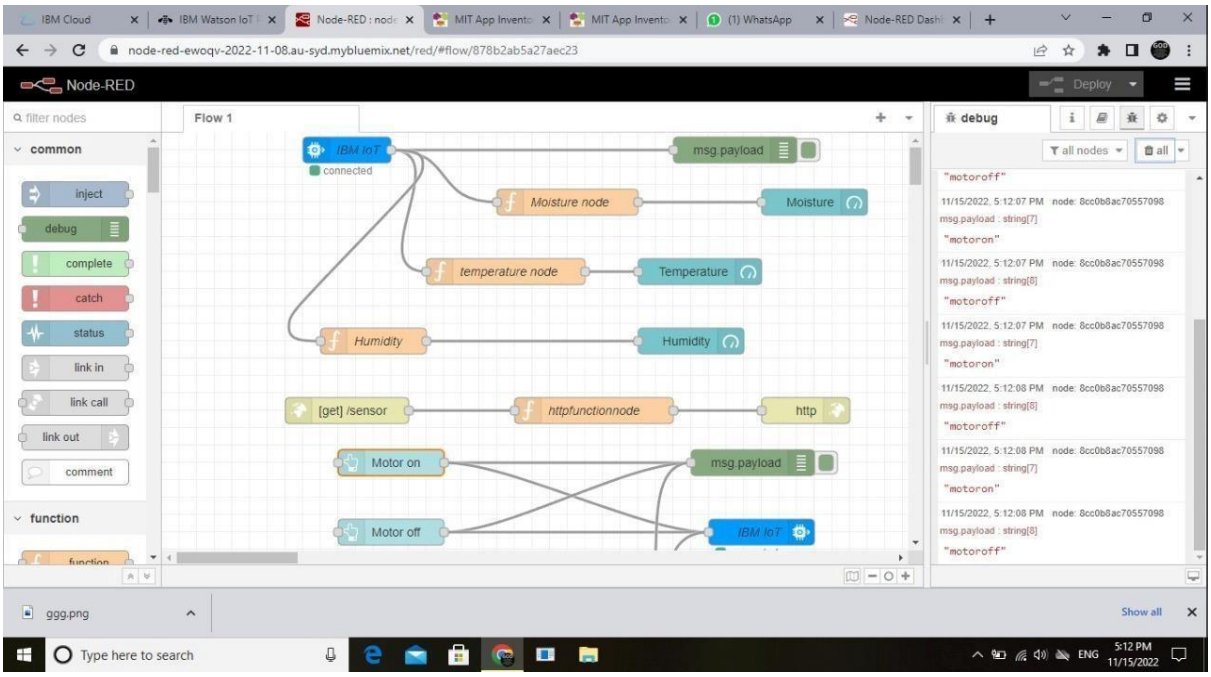

IBM Cloud
IBM Watson IoT
Node-RED : node
MIT App Invento
MIT App Invento
(1) WhatsApp
Node-RED Dashb
node-red-ewoqv-2022-11-08.au-syd.mybluemix.net/ui/#!/0?socketid=24t07WKJpEQgkROoAAAV
control
MOTOR ON
MOTOR OFF
Moisture
70
0
%
100
Temperature
59
0
C
100
ggg.png
Show all
Type here to search
ENG
5:03 PM
11/15/2022


Node-RED
Deploy
Flow 1
IBM IoT
connected
msg.payload
Moisture node
Moisture
temperature node
Temperature
Humidity
Humidity
[get] /sensor
httpfunctionnode
http
Motor on
msg.payload
Motor off
IBM IoT
debug
"motoroff"
"motoron"
inject
debug
complete
catch
status
link in
link call
link out
comment
function

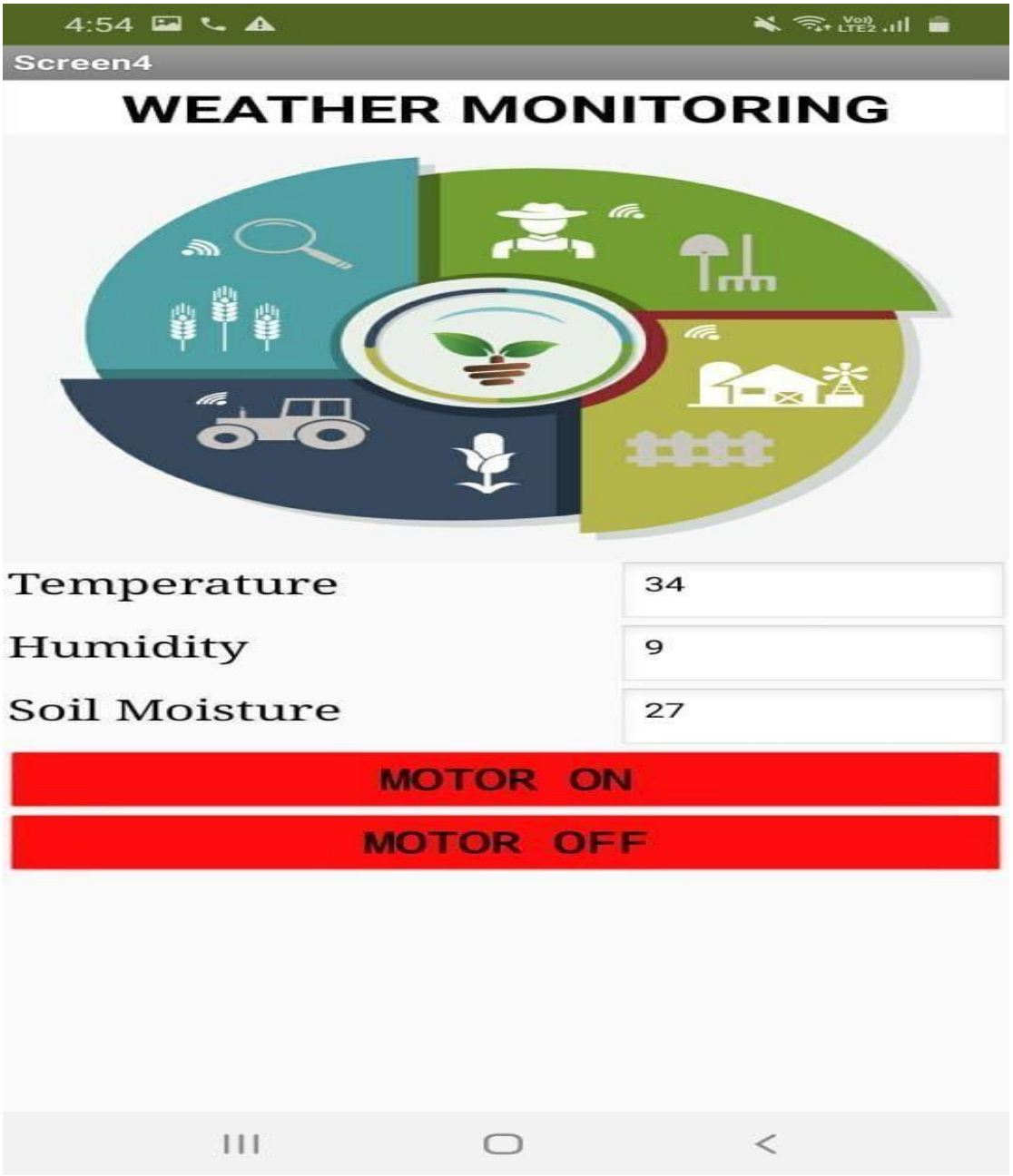

Screen4
WEATHER MONITORING
Temperature
Humidity
Soil Moisture
MOTOR ON
Layout
Media
Drawing and Animation
Maps
Charts
Sensors
AccelerometerSensor
BarcodeScanner
Barometer
Clock
GyroscopeSensor
Hygrometer
LightSensor
LocationSensor
MagneticFieldSensor
NearField
OrientationSensor
Pedometer
Media
Screensh...55949.jpg
ggg.png
Upload File ...



Testing the developed application

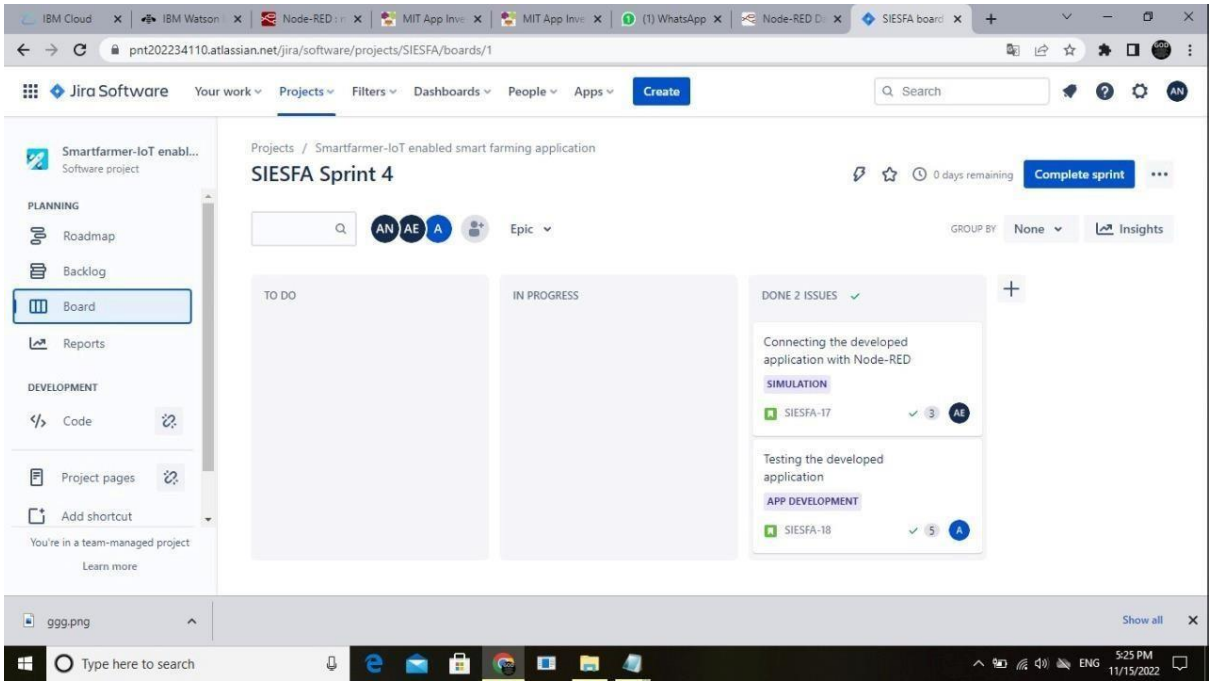


When we click the motor on button,the command is delivered to the Node-Red.



Thus the sensor readings are captured in the developed application.

REPORTS: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SIESFA Sprint 4
0 days remaining
Complete sprint
Epic
GROUP BY
None
Insights
TO DO
IN PROGRESS
DONE 2 ISSUES
Connecting the developed application with Node-RED
SIMULATION
SIESFA-17
Testing the developed application
APP DEVELOPMENT
SIESFA-18
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ENG
5:25 PM
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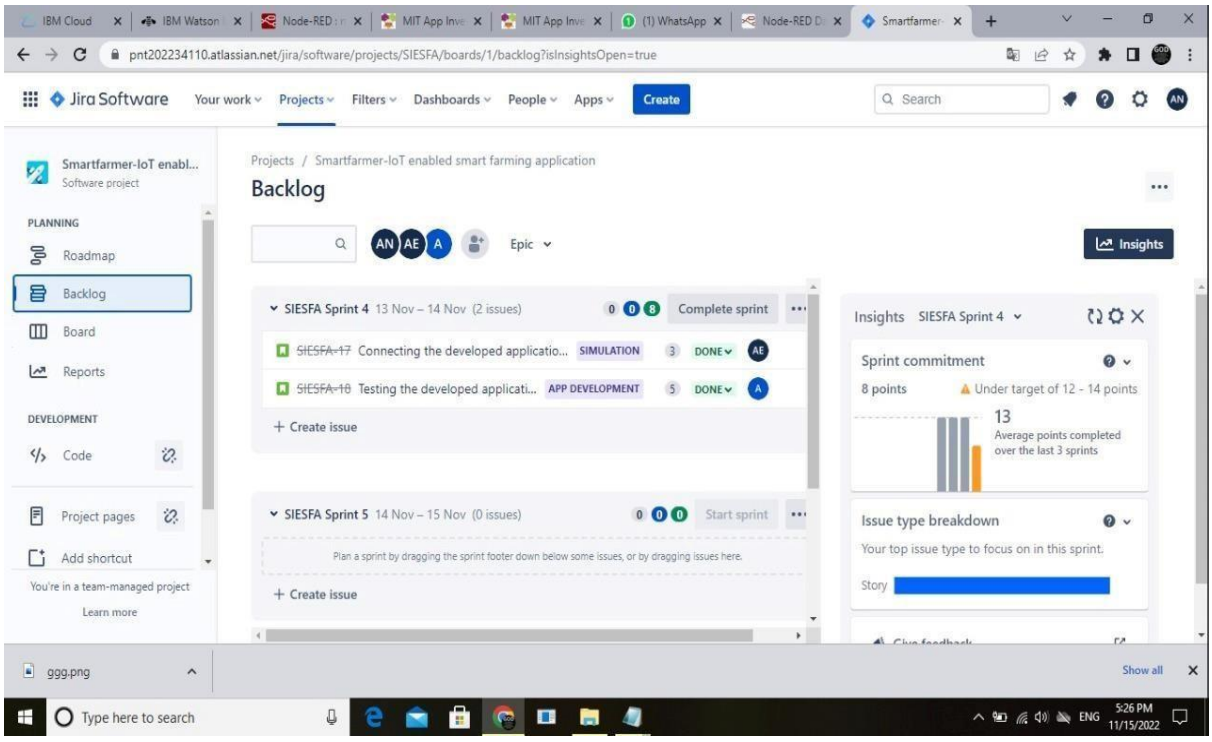
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Epic
Insights
SIESFA Sprint 4 13 Nov – 14 Nov (2 issues)
Complete sprint
SIESFA-17 Connecting the developed applicatio...
SIMULATION
DONE
SIESFA-18 Testing the developed applicati...
APP DEVELOPMENT
DONE
Create issue
SIESFA Sprint 5 14 Nov – 15 Nov (0 issues)
Start sprint
Plan a sprint by dragging the sprint footer down below some issues, or by dragging issues here.
Create issue
Insights
SIESFA Sprint 4
Sprint commitment
8 points
Under target of 12 - 14 points
13
Average points completed over the last 3 sprints
Issue type breakdown
Your top issue type to focus on in this sprint.
Story
ggg.png
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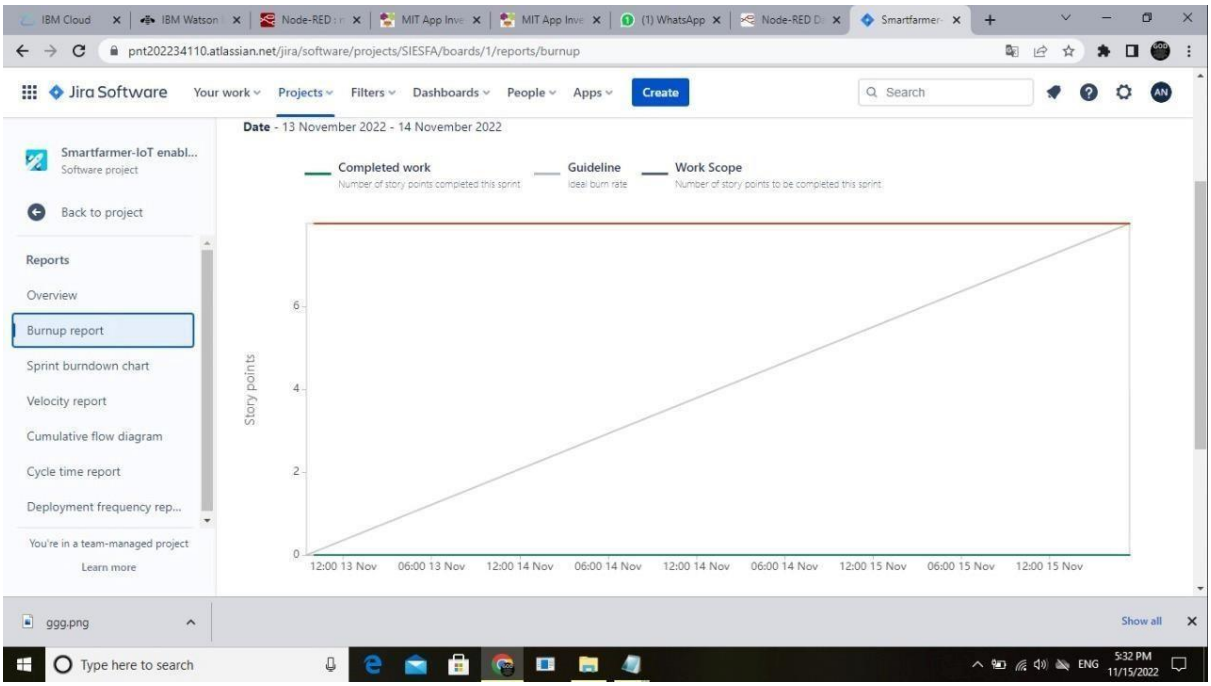
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Back to project
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Overview
Burnup report
Sprint burndown chart
Velocity report
Cumulative flow diagram
Cycle time report
Deployment frequency rep...
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Learn more
Date - 13 November 2022 - 14 November 2022
Completed work
Number of story points completed this sprint
Guideline
Ideal burn rate
Work Scope
Number of story points to be completed this sprint
Story points
0
2
4
6
12:00 13 Nov
06:00 13 Nov
12:00 14 Nov
06:00 14 Nov
12:00 14 Nov
06:00 14 Nov
12:00 15 Nov
06:00 15 Nov
12:00 15 Nov
ggg.png
Show all
Type here to search
ENG
5:32 PM
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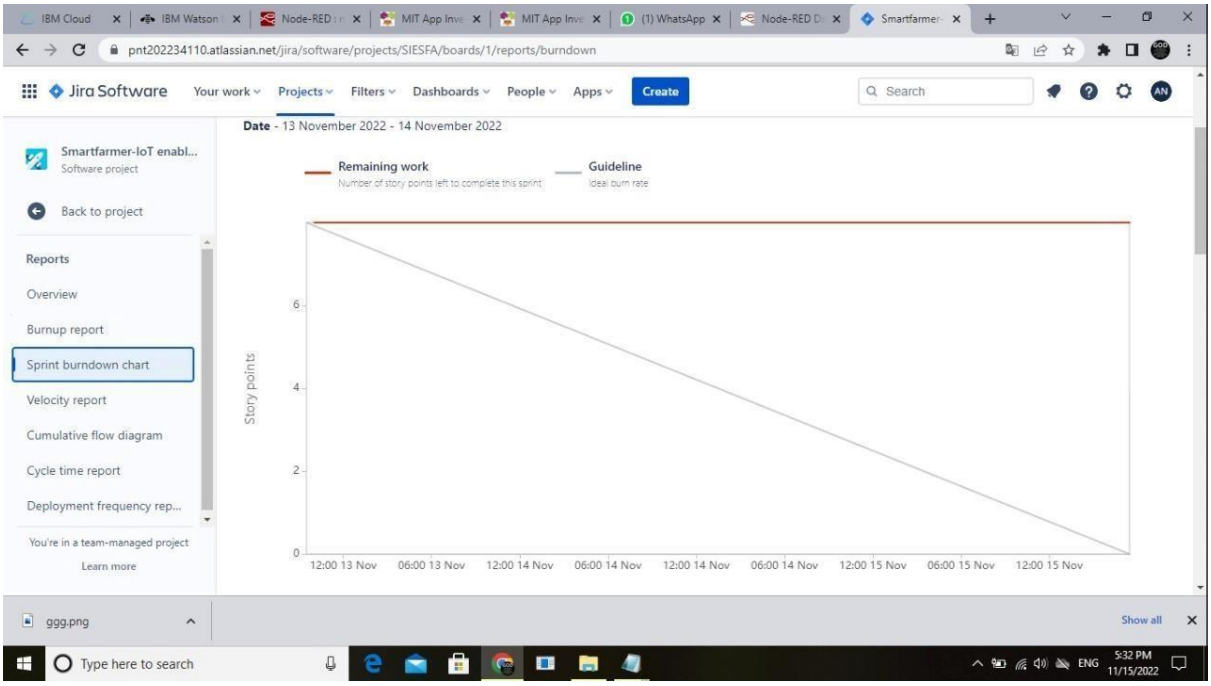
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Back to project
Reports
Overview
Burnup report
Sprint burndown chart
Velocity report
Cumulative flow diagram
Cycle time report
Deployment frequency rep...
You're in a team-managed project
Learn more
Date - 13 November 2022 - 14 November 2022
Remaining work
Number of story points left to complete this sprint
Guideline
Ideal burn rate
Story points
0
2
4
6
12:00 13 Nov
06:00 13 Nov
12:00 14 Nov
06:00 14 Nov
12:00 14 Nov
06:00 14 Nov
12:00 15 Nov
06:00 15 Nov
12:00 15 Nov
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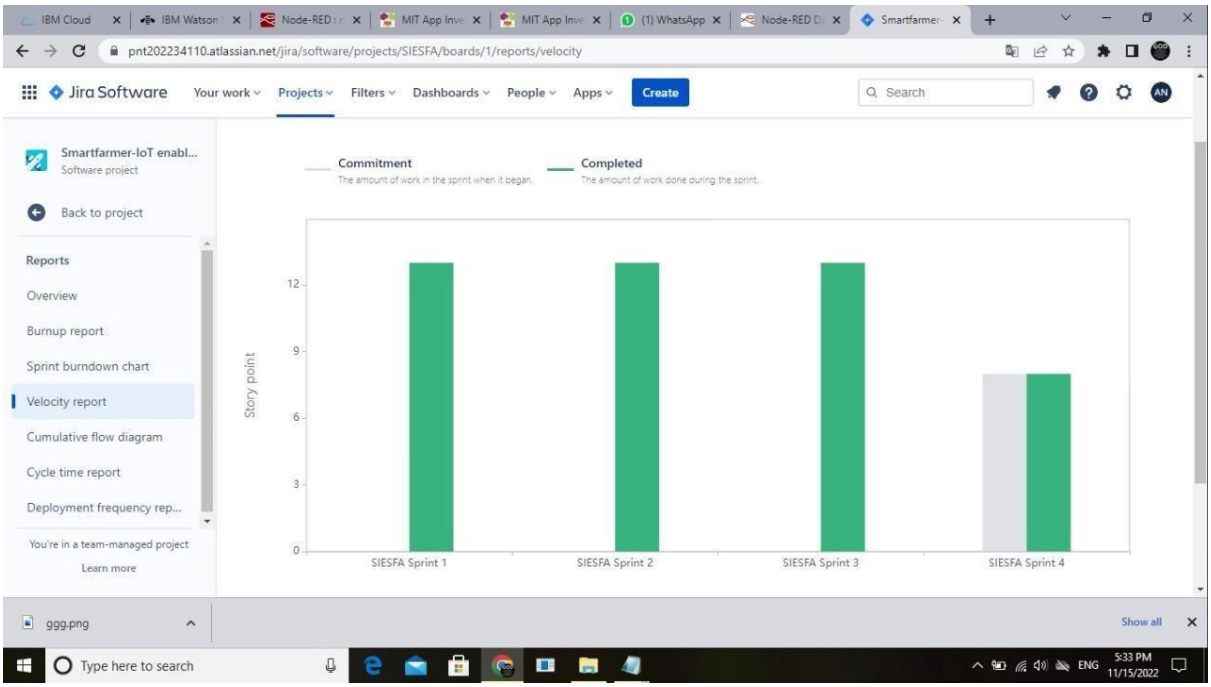
Show all
Type here to search
ENG
5:32 PM
11/15/2022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Overview
Burnup report
Sprint burndown chart
Velocity report
Cumulative flow diagram
Cycle time report
Deployment frequency rep...
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Commitment
The amount of work in the sprint when it began.
Completed
The amount of work done during the sprint.
Story point
0
3
6
9
12
SIESFA Sprint 1
SIESFA Sprint 2
SIESFA Sprint 3
SIESFA Sprint 4
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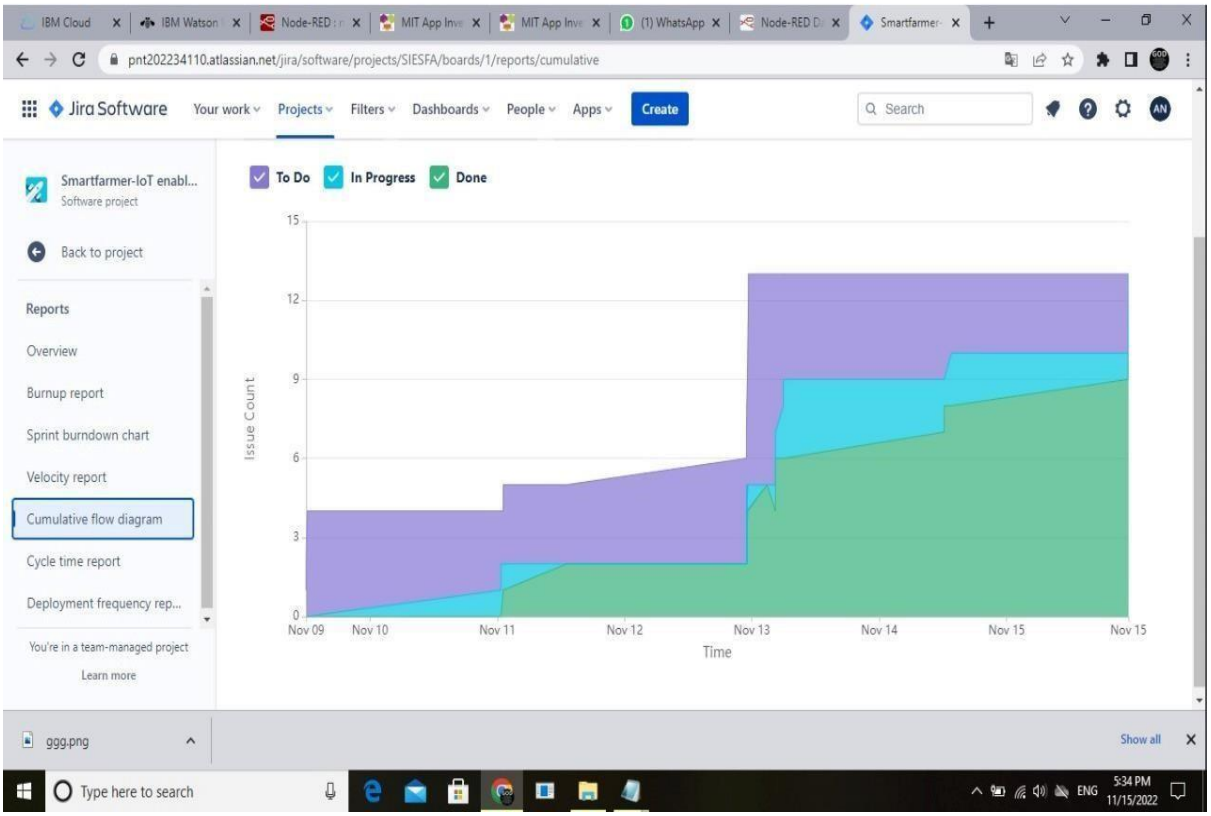
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Deployment frequency rep...
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To Do
In Progress
Done
Issue Count
0
3
6
9
12
15
Nov 09
Nov 10
Nov 11
Nov 12
Nov 13
Nov 14
Nov 15
Nov 15
Time
ggg.png
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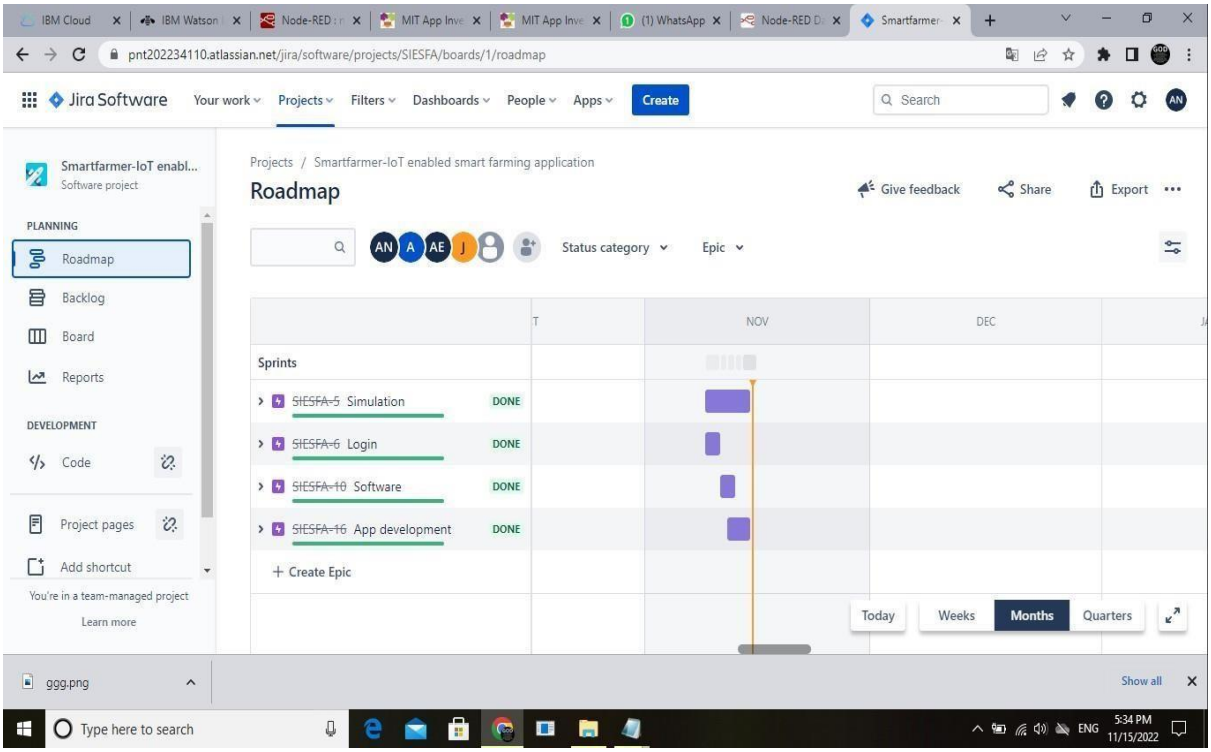
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Node-RED D
Smartfarmer
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