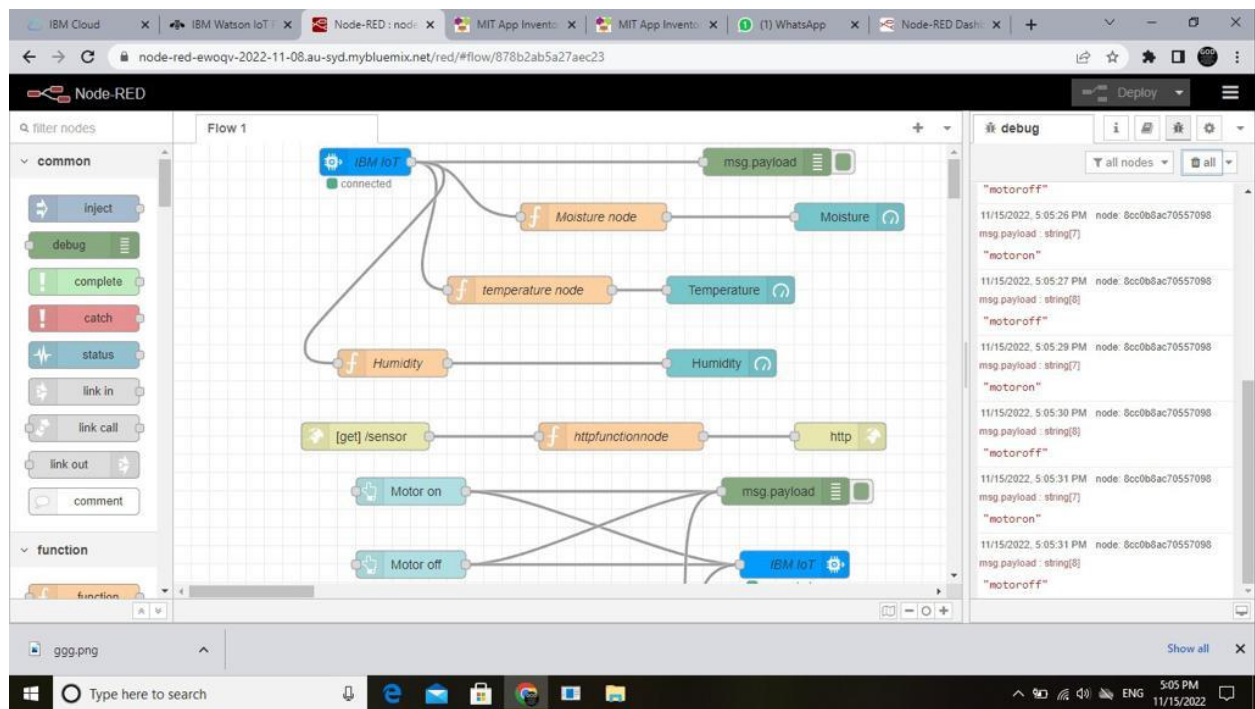


SPRINT 3

Date	14 th November 2022
Team ID	PNT2022TMID34110
Project Name	SmartFarmer –IoT Enabled Smart Farming Application

Establishing Node-Red Connection:



Application Development Using MIT app Inventor:

IBM Cloud x IBM Watson IoT x Node-RED: nodi x MIT App Inventor x MIT App Inventor x (1) WhatsApp x Node-RED Dash: x

Not secure | ai2.appinventor.mit.edu/#5209251724001280

Farm_app

Screen4 • Add Screen ... Remove Screen Publish to Gallery Designer Blocks

Built-in

- Control
- Logic
- Math
- Text
- Lists
- Dictionaries
- Colors
- Variables
- Procedures

Screen4

- HorizontalArranger
- Label1
- HorizontalArranger
- HorizontalArranger
- Label2
- TextBox1

Rename Delete

Viewer

```

when Clock1.Timer
do
  set Web1.Uri to https://node-red-ewoqv-2022-11-08.au-syd.mybluem...
  call Web1.Get

when Web1.GetText
do
  set TextBox1.Text to look up in pairs key responseCode pairs
  look up in pairs key responseContent pairs call Web1.JsonTextDecode jsonText get responseContent
  not found not found
  set TextBox2.Text to look up in pairs key responseCode pairs
  look up in pairs key responseContent pairs call Web1.JsonTextDecode jsonText get responseContent
  not found not found
  Show Warnings Text to look up in pairs key responseCode pairs
  look up in pairs key responseContent pairs call Web1.JsonTextDecode jsonText get responseContent
  not found not found

```

ggg.png

Type here to search

5:08 PM 11/15/2022

IBM Cloud x IBM Watson IoT x Node-RED: nodi x MIT App Inventor x MIT App Inventor x (1) WhatsApp x Node-RED Dash: x

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WEATHER MONITORING

Screen4

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

Label1

HorizontalArranger

HorizontalArranger

Label2

TextBox1

HorizontalArranger

Label3

TextBox2

HorizontalArranger

Label4

TextBox3

HorizontalArranger

Button1

HorizontalArranger

Button2

Rename Delete

Media

Screensh...55949.jpg

ggg.png

Upload File ...

AlignHorizontal Left: 1

AlignVertical Top: 1

BackgroundColor Default

BackgroundImage None

BigDefaultText

CloseScreenAnimation Default

HighContrast

OpenScreenAnimation Default

ScreenOrientation Unspecified

Scrollable

ShowStatusBar

Title Screen4

ggg.png

Type here to search

5:07 PM 11/15/2022

REPORTS:

The screenshot shows the Jira Software interface for the 'Smartfarmer-IoT enabled smart farming application' project. The 'Backlog' view is active, displaying a list of issues grouped by sprint. The left sidebar shows navigation options like Roadmap, Backlog, Board, and Code. The main content area shows two sprints: 'SIESFA Sprint 3' (12 Nov - 13 Nov) and 'SIESFA Sprint 4' (13 Nov - 14 Nov). Issues are categorized by type (SIMULATION, APP DEVELOPMENT) and status (TO DO). A right-hand sidebar provides insights, including 'Sprint commitment' (13 points, on target) and 'Issue type breakdown'.

Projects / Smartfarmer-IoT enabled smart farming application

Backlog

Search [] Epic []

SIESFA Sprint 3 12 Nov - 13 Nov (2 issues) 13 0 0 Complete sprint

- SIESFA-14 Establishing Node-RED connection SIMULATION 5 TO DO []
- SIESFA-15 Application development usin... APP DEVELOPMENT 8 TO DO []

+ Create issue

SIESFA Sprint 4 13 Nov - 14 Nov (2 issues) 8 0 0 Complete sprint

- SIESFA-17 Connecting the developed applicati... SIMULATION 3 TO DO []
- SIESFA-18 Testing the developed applica... APP DEVELOPMENT 5 TO DO []

Insights SIESFA Sprint 3

Sprint commitment

13 points On target of 12 - 14 points

13 Average points completed over the last 2 sprints

Issue type breakdown

Your top issue type to focus on in this sprint.

Story []

The screenshot shows the Jira Software interface for the 'Smartfarmer-IoT enabled smart farming application' project, specifically the 'SIESFA Sprint 3' board. The board is in 'Board' view, showing columns for 'TO DO', 'IN PROGRESS', and 'DONE 2 OF'. The left sidebar shows navigation options like Roadmap, Backlog, Board, and Reports. The main content area shows the board with issues categorized by type (SIMULATION, APP DEVELOPMENT) and status (TO DO, IN PROGRESS, DONE). A right-hand sidebar provides insights, including 'Sprint progress' (100% done), 'Sprint burndown', and 'Epic progress'.

Projects / Smartfarmer-IoT enabled smart farming application

SIESFA Sprint 3

Search [] Epic [] Sprint [] Clear filters

GROUP BY None [] Insights

TO DO IN PROGRESS DONE 2 OF

Establishin connector SIMULATIO

SIESFA-

Application MIT app in APP DEVEL

SIESFA-

Sprint progress

100% done

Sprint burndown

Add estimates to manage and maintain scope

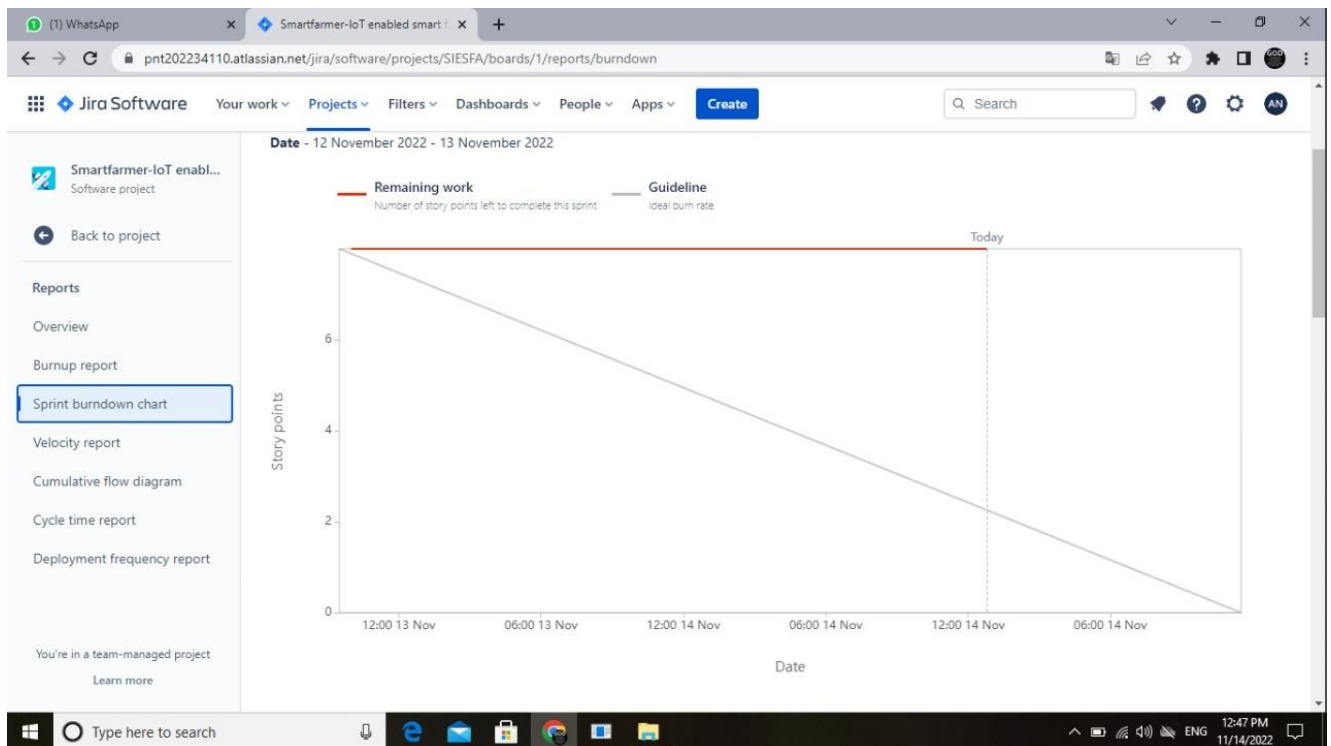
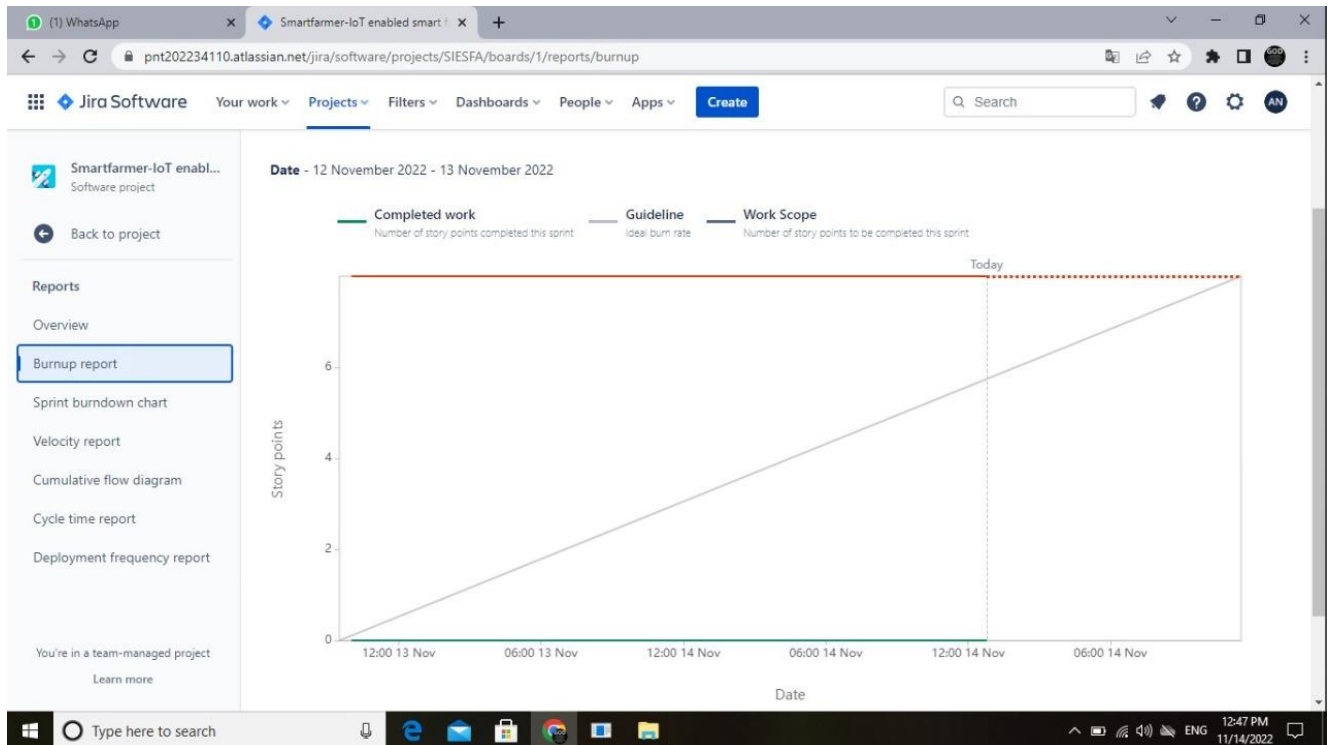
This insight helps you compare planned worked against completed work, so you can track scope and pivot as needed. [Learn more](#)

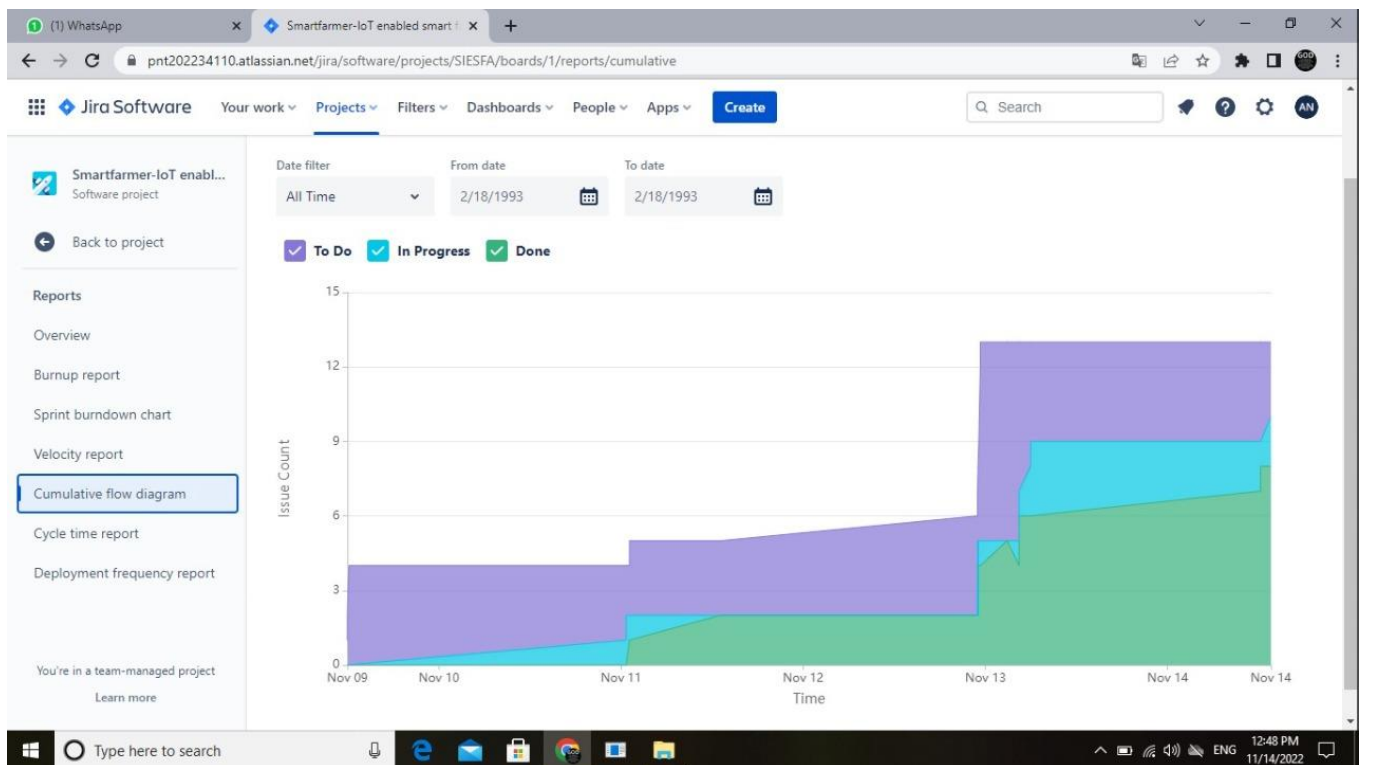
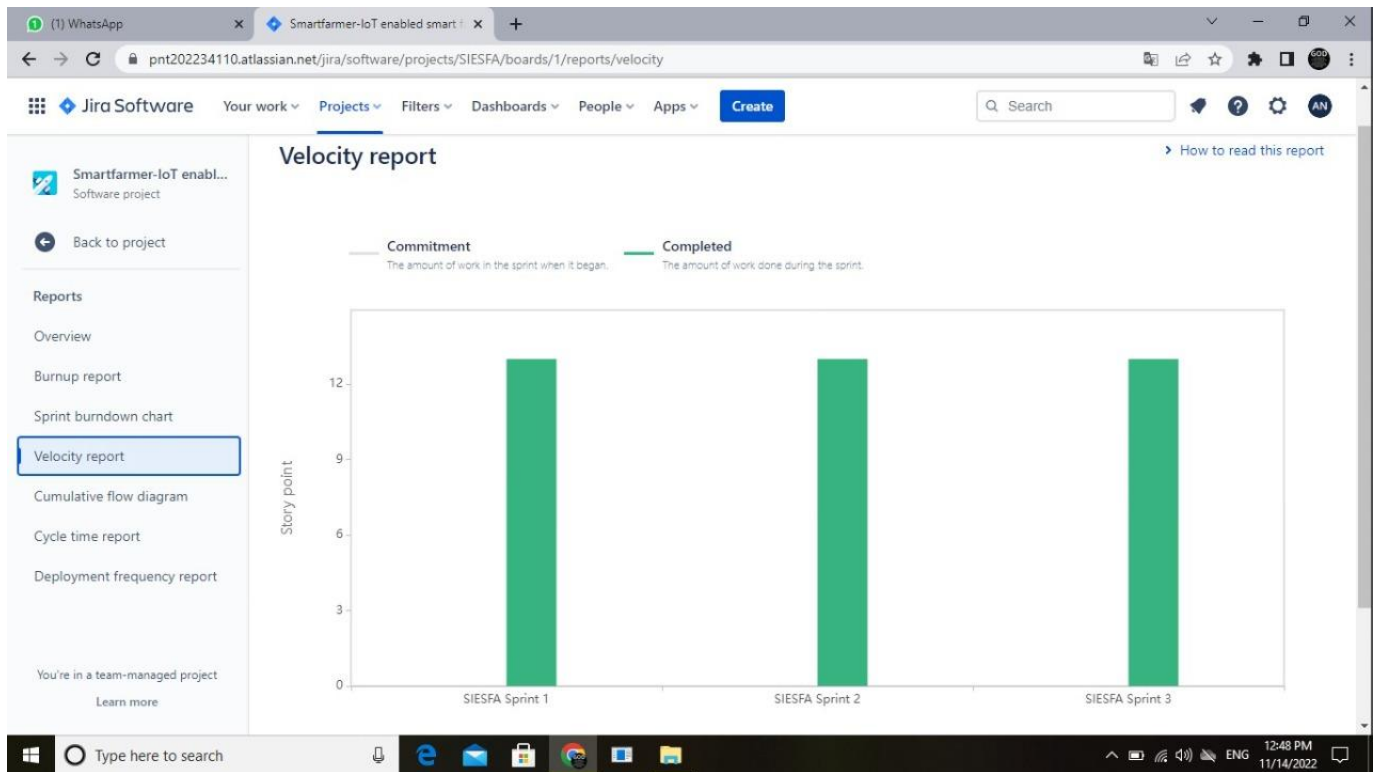
Epic progress

This sprint is working towards 2 epics

SIESFA-16 App development 100% done

SIESFA-5 Simulation 100% done





WhatsApp

Smartfarmer-IoT enabled smart i

← → ↻ 🔒 pnt202234110.atlassian.net/jira/software/projects/SIESFA/boards/1/roadmap

Jira Software

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Apps ▾

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?

⚙️

AN

Smartfarmer-IoT enabl...
Software project

PLANNING

Roadmap

Backlog

Board

Reports

DEVELOPMENT

Code

Project pages

Add shortcut

Project settings

You're in a team-managed project

Learn more

Projects / Smartfarmer-IoT enabled smart farming application

Roadmap

🔊 Give feedback

🔗 Share

📄 Export

⋮

🔍

AN A AE J

👤

👥

Status category ▾

Epic ▾

🔗

	T	NOV	DEC	JAN
Sprints				
> SIESFA-5 Simulation				
> SIESFA-6 Login				
> SIESFA-10 Software				
> SIESFA-16 App development				
+ Create Epic				

Today

Weeks

Months

Quarters

🔄

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ENG

1:04 PM

11/14/2022