

SPRINT-3

Team ID	PNT2022TMID42568
<u>Project Name</u>	Smart farmer - IoT Enabled smart farming application.

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	21	6 Days	24 Oct 2022	29 Oct 2022	21	30 Oct 2022
Sprint-2	21	6 Days	31 Oct 2022	05 Nov 2022		07 Nov 2022
Sprint-3	21	6 Days	07 Nov 2022	12 Nov 2022		14 Nov 2022
Sprint-4	21	6 Days	14 Nov 2022	19 Nov 2022		18 Nov 2022 – 19 Nov 2022

S.NO	Tools & Technology Used
1	MIT App Inventor – For Creating Application
2	Cloudant DB – Used as a Database to store the received sensor data
3	Manual Testing – Apps are tested manually

Home Screen Creation

Blocks Creation

MIT

APP INVENTOR

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Smart_farmer

Screen1 ▾ Add Screen ... Remove Screen Publish to Gallery Designer Blocks

Built-in

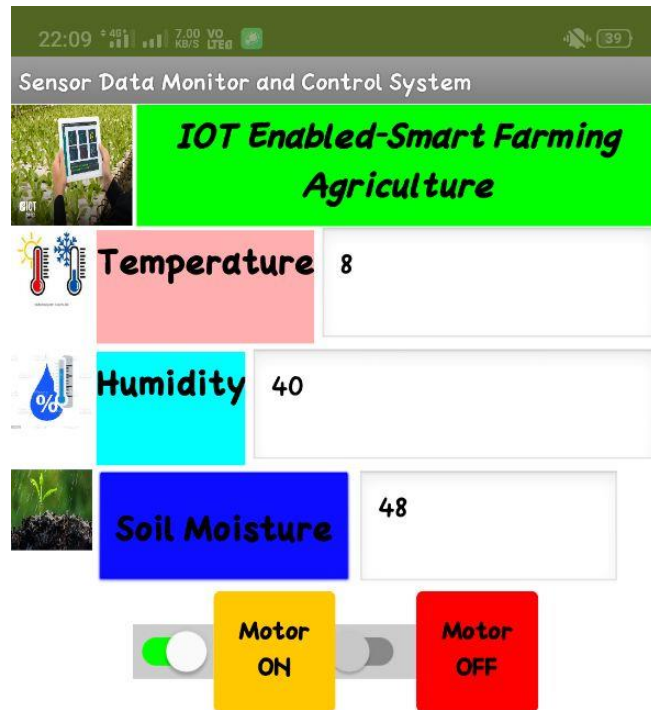
- Control
- Logic
- Math
- Text
- Lists
- Dictionaries
- Colors
- Variables
- Procedures

Screen1HorizontalArrangemenImage4Label1HorizontalArrangemenImage1Label2RenameDeleteMediahumidity img

Viewer 0 3Show Warnings

```
when Click1.Timerdo    set Web1.Uri to https://node-red-qwww-2022-11-08.au-syd.mybluemix.net/call Web1.Getend  
  
x when Web1.GoToTexturl responseCode responseType responseContentdo    set TextBox1.Text to look up in pairs key temperaturepairs    call Web1.JsonTextDecodejsonText get responseContentnotFound not foundset Web1.Uri to https://node-red-qwww-2022-11-08.au-syd.mybluemix.netend  
  
x when Web1.GoToTexturl responseCode responseType responseContentdo    set TextBox2.Text to look up in pairs key humiditypairs    call Web1.JsonTextDecodejsonText get responseContentnotFound not foundset Web1.Uri to https://node-red-qwww-2022-11-08.au-syd.mybluemix.netend  
  
x when Web1.GoToTexturl responseCode responseType responseContentdo    set TextBox3.Text to look up in pairs key soil_moisturepairs    call Web1.JsonTextDecodejsonText get responseContentnotFound not foundset Web1.Uri to https://node-red-qwww-2022-11-08.au-syd.mybluemix.netend  
  
when MOTOR_ON.Clickdo    set Web1.Uri to https://node-red-qwww-2022-11-08.au-syd.mybluemix.net/call Web1.Getend  
  
when MOTOR_OFF.Clickdo    set Web1.Uri to https://node-red-qwww-2022-11-08.au-syd.mybluemix.net/call Web1.Getend
```

Mobile Application



Cloudant DB

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iot_testing_db

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Document ID ▾

⚙️ Options

{ } JSON

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All Documents

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Query

Permissions

Changes

Design Documents

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☐











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Metadata

{ } JSON

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Create Document

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