

Sprint 4

| | |
|-----------------|---|
| Assignment Date | 19 November 2022 |
| Team ID | PNT2022TMID38376 |
| Project Name | IoT Based Smart Crop Protection System For Agriculture. |

Description:

Based on Sprint 3 the whole project is connected and checked for errors.

The screenshot displays the Node-RED web interface. The top section shows the 'Flow 1' tab with a workflow diagram. The workflow starts with an 'inject' node, followed by a 'connected' node. It then branches into two parallel paths: one for temperature data (using 'temperature Node' and 'Temperature' output) and another for humidity data (using 'humidity' and 'Humidity' output). Both paths converge and lead to an 'http' node. The bottom section shows the 'control' interface with a 'weather monitoring' dashboard. This dashboard features two circular gauges: 'Humidity' with a value of 14 and 'Temperature' with a value of 84. Below the gauges are two buttons labeled 'LIGHT ON' and 'LIGHT OFF'.

IBM Watson IoT Platform

Cloud Object Storage - IBM Cloud

https://cloud.ibm.com/objectstorage/cm%3Av1%3Abluemix%3Apublic%3Acloud-object-storage%3Aglobal%3Aa%2Fcea0c0e959a148a983ce309a...

IBM Cloud

Search resources and products...

Catalog Manage Arul Prakash A's Account

Cloud Object Storage

Storage instances

Arul 2002

Buckets

Integrations

Endpoints

Usage details

Service credentials

Connections

Plan

Buckets

Buckets serve as containers for objects, and can be individually configured in terms of their location, resiliency, billing rates, security, and object lifecycle rules.

Search

Create bucket

| Name | Public access | Location | Storage class | Created |
|----------|---------------|----------|---------------|--------------------|
| arul2002 | No | jp-tok | Standard | 2022-11-04 2:20 PM |

25°C Mostly sunny

ENG UK 08:27 19/11/2022

IBM Watson IoT Platform

Service Details - IBM Cloud

IBM Watson IoT Platform

https://pcig8v.internetofthings.ibmcloud.com/dashboard/devices/browse

412719106003@smartinternz.com ID: pcig8v

Browse Action Device Types Interfaces

Add Device

Browse Devices

All Devices Diagnose

This table shows a summary of all devices that have been added. It can be filtered, organized, and searched on using different criteria. To get started, you can add devices by using the Add Device button, or by using API.

Search by Device ID

Device Simulator

| Device ID | Status | Device Type | Class ID | Date Added | Descriptive Location | Added By |
|-----------|--------------|-------------|----------|-----------------------|----------------------|-------------------------------|
| > 2002 | Disconnected | Arul | Device | Oct 27, 2022 12:52 PM | | 412719106003@smartinternz.com |
| > Arul_1 | Connected | Arul | Device | Oct 27, 2022 3:18 PM | | 412719106003@smartinternz.com |

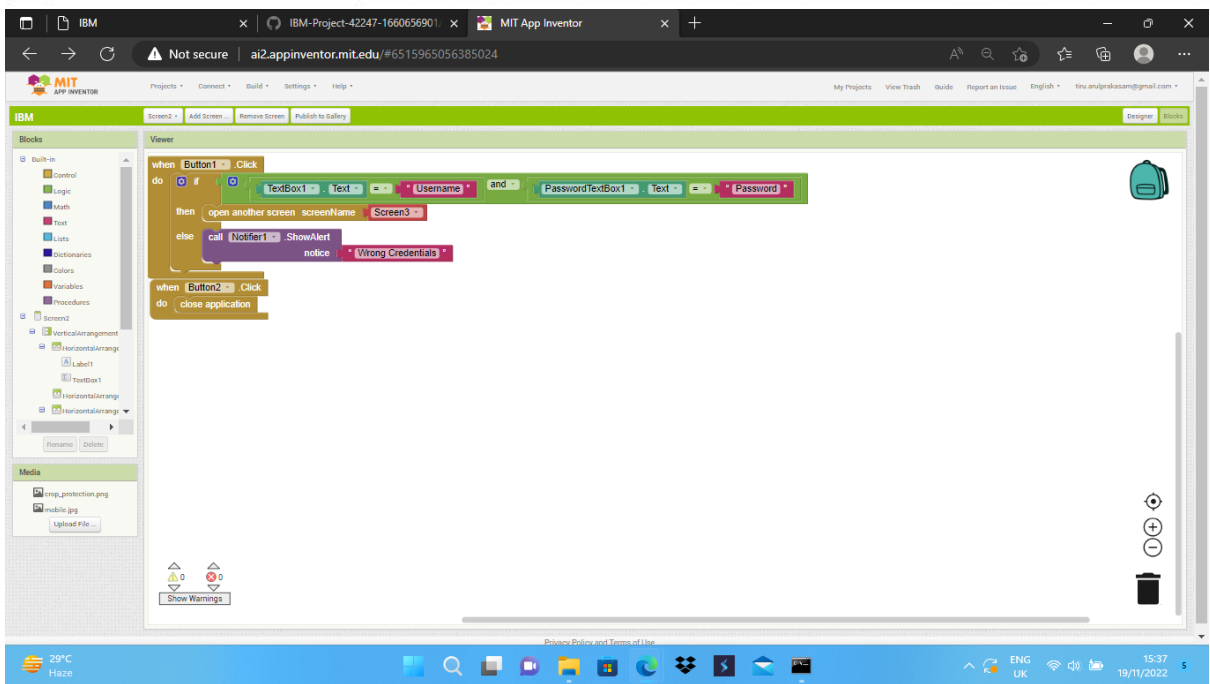
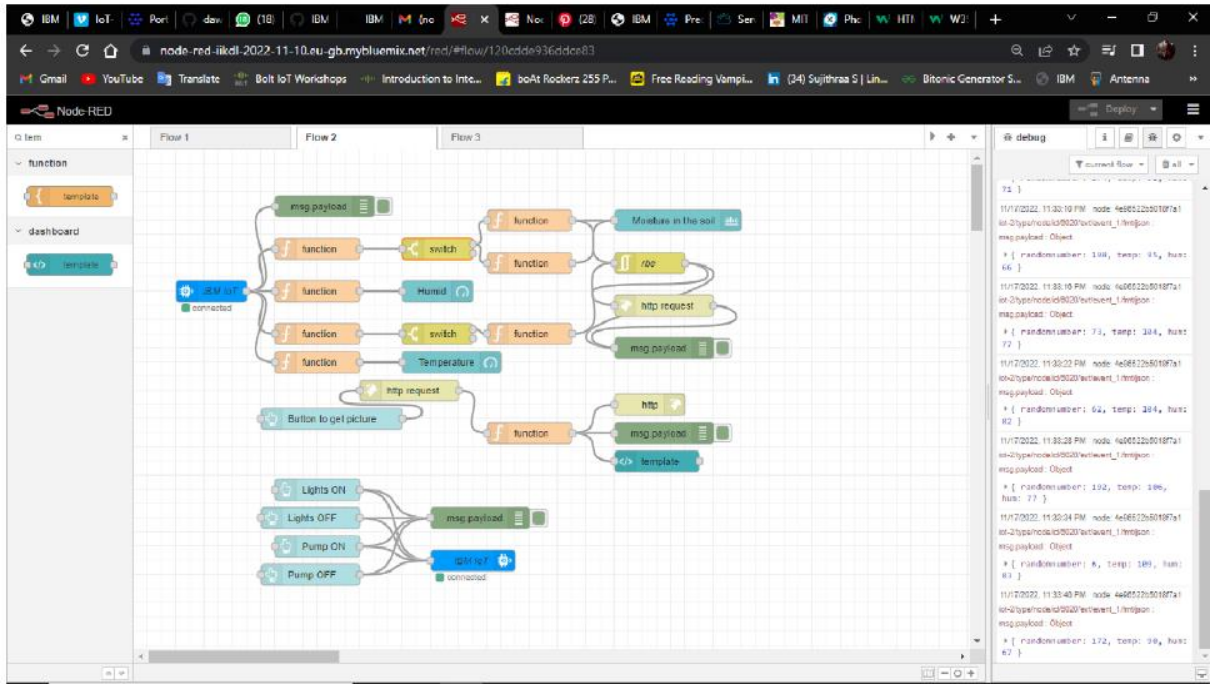
Items per page 50 | 1-2 of 2 items

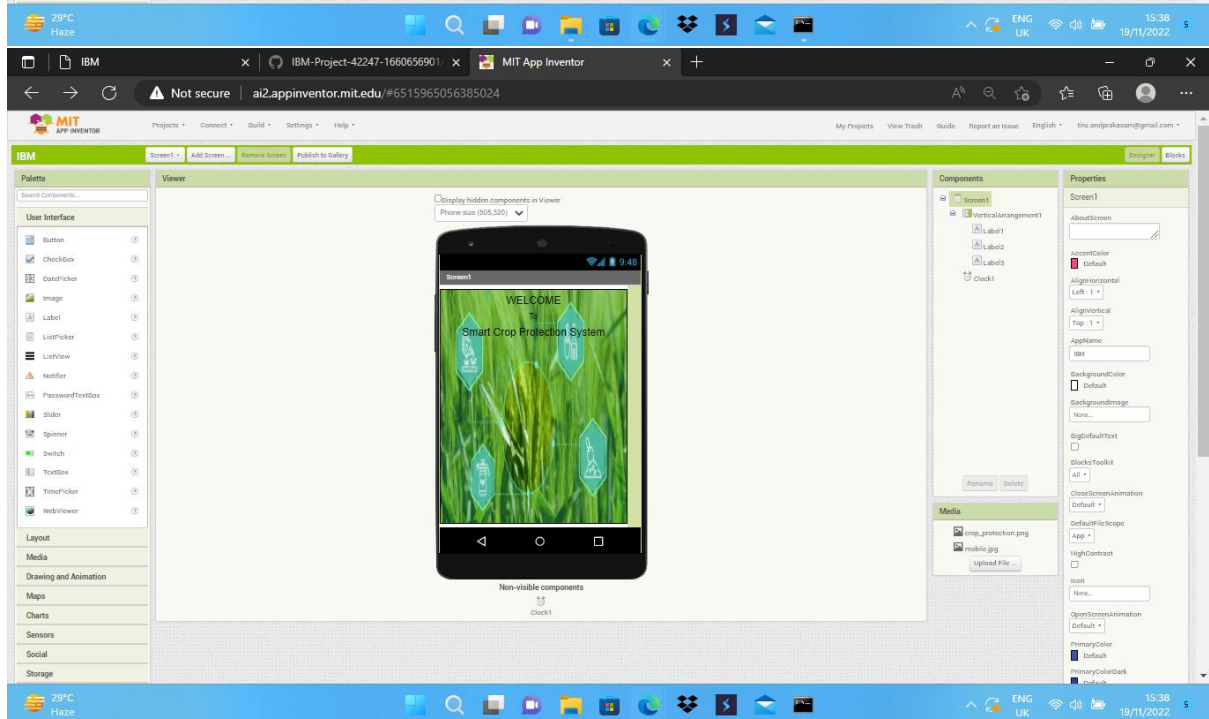
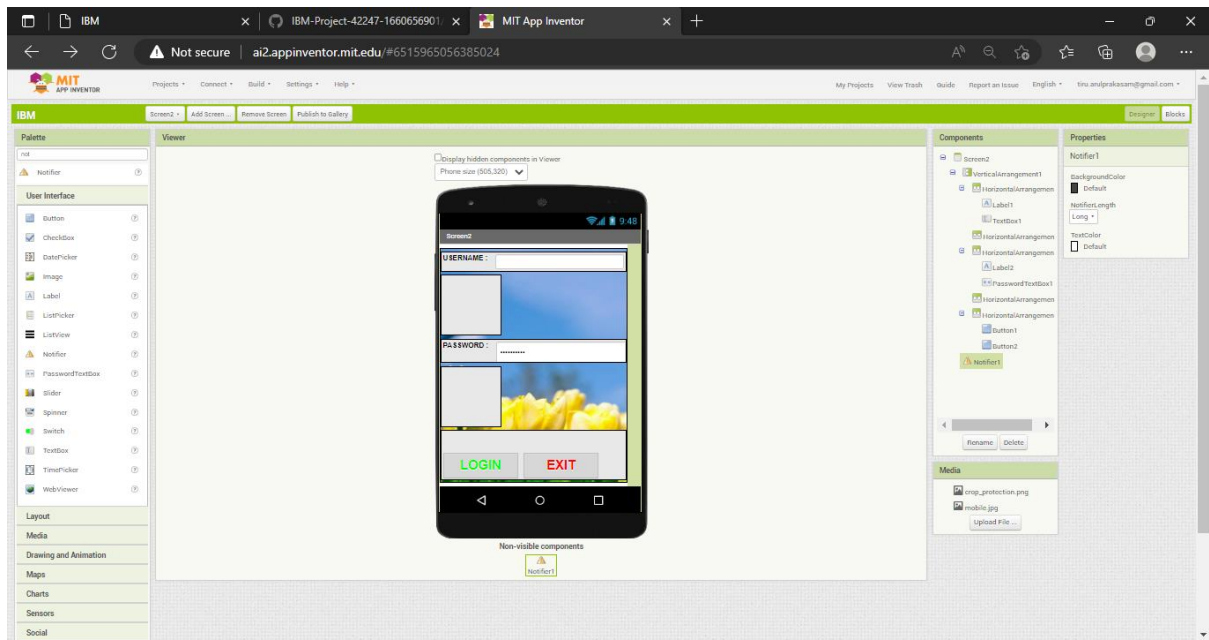
1 of 1 page

1 Simulation running

25°C Mostly sunny

ENG UK 08:30 19/11/2022





3:37 PM P

72%

Screen3

Temperature: 83

Humidity: 50

Moisture: 44

Animal attack: No



3:45 PM P

75%

Screen2

USERNAME :

PASSWORD :

LOGIN

EXIT

