

Sprint – 3

Web UI creation

Date	17 November 2022
Team ID	PNT2022TMID11029
Project Name	IoT Based Smart Crop Protection System For Agriculture.

Description:

According to our sprint-3 planning we've developed the web UI to monitor the field and we've linked it with the python coding. This web UI consists of pictorial representations of the humidity & temperature. If the animal is invaded on the field, the alert will be sent with the picture of the animal. We can also control the pump using this web UI.

Web UI interface:

The screenshot shows the IBM Cloud Foundry interface for the application "Node RED IIKDL 2022-11-10". The "Overview" tab is selected. Key details shown include:

- Runtime:** Node.js
- Instances:** 1 instance(s) are running, with 100% health.
- Memory Allocation:** Total MB allocation is 256, with 1.75 GB still available.
- Runtime cost:** \$0.00 (Current charges for billing period) and \$0.00 (Estimated total for billing period Nov 1, 2022 - Nov 30, 2022).
- Connections:** There is 1 connection named "node-red-ncmpf-2022--cloudant-1666447167379-52660".



