Date	29 October 2022
Team ID	PNT2022TMID11578
Project Name	Project – Smart Farmer-IoT Enabled smart Farming Application

PROJECT OBJECTIVES

- The parameters like temperature, humidity, and soil moisture are updated to the Watson IoT platform

- The device will subscribe to the commands from the mobile application and control the motors accordingly

- APIs are developed using Node-RED service for communicating with Mobile Application

- A mobile application is developed using the MIT App inventor to monitor the sensor parameters and control the motors.

To accomplish this, we have to complete all the activities and tasks listed below:

- Create and configure IBM Cloud Services

  o Create IBM Watson IoT Platform

  o Create a device & configure the IBM IoT Platform

  o Create Node-RED service

  o Create a database in Cloudant DB to store all the sensor parameters

- Develop a python script to publish and subscribe to the IBM IoT platform

- Configure the Node-RED and create APIs for communicating with mobile application

- Develop a mobile application to display the sensor parameters and control the motors