

## MILESTONES AND ACTIVITY LISTS

Date	22 October 2022
Team ID	PNT2022TMID15629
Project Name	Project – Smart Farmer - IOT based Smart Farming Application

### 1. Pre - Requisites

- ❖ IBM Cloud Services
- ❖ MIT App Inventor
- ❖ Software
- ❖ Create An Account in Fast2sms Dashboard

### 2. Project Objectives

- ❖ Abstract
- ❖ Brainstorming

### 3. Create and Configure IBM Cloud Services

- ❖ Create IBM Watson IOT Platform and Device
- ❖ Create Node- RED Service

### 4. Develop the Python Script and Subscribe to IBM IOT Platform

- ❖ Develop A Python code

### 5. Develop a Web Application Using Node - RED Service

- ❖ Develop The Web Application Using Node - RED

### 6. Develop a Mobile Application

- ❖ Develop a Mobile Application

### 7. Ideation Phase

- ❖ Literature Survey on The Selected Project & Information Gathering
- ❖ Prepare Empathy Map
- ❖ Ideation

## **8. Project Design Phase - 1**

- ❖ Proposed Solution
- ❖ Prepare Solution Fit
- ❖ Solution Architecture

## **9. Project Design Phase - 2**

- ❖ Customer Journey
- ❖ Functional Requirement
- ❖ Data Flow Diagram
- ❖ Technology Architecture

## **10. Project Planning Phase**

- ❖ Prepare Milestones & Activity List
- ❖ Sprint Delivery Plan

## **11. Project Development Phase**

- ❖ Project Development - Delivery of Sprint - 1
- ❖ Project Development - Delivery of Sprint - 2
- ❖ Project Development - Delivery of Sprint - 3
- ❖ Project Development - Delivery of Sprint - 4