

MILESTONES AND ACTIVITY LISTS

Smartfarmer-IoT Based Smart Farming Application

TEAM ID:PNT2022TMID27105

1. Preparation Phase

→ Pre-requisites

- ✓ IBM Cloud
- ✓ Software

→ Project Objectives

- ✓ Abstract
- ✓ Brainstorming

2. Create and Configure IBM Cloud Services

- Create IBM Watson IoT Platform and Device
- Create Node Red Service
- Create a Database in Cloudant DB

3. Develop the Python Script

- Develop a Python Script

4. Develop a web application using Node-RED Service

- Develop a web application using Node-RED
 - ✓ Registrations
 - ✓ Environment Set-up

5. Ideation Phase

- Literature Survey
- Empathize
- Defining Problem Statement
- Ideation

6. Project Design Phase 1

- Proposed Solution
- Problem Solution Fit
- Solution Architecture

7. Project Design Phase 2

- Requirement Analysis
- Customer Journey
- Data flow Diagram
- Technology Architecture

8. Project Planning Phase

- Milestone and Tasks
- Sprint Schedules

9. 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