

ACTIVITY LISTS

MILESTONES AND

TEAM ID: PNT2022TMID50102

DATE: 23.10.2022

Smart Farmer - IoT Enabled Smart Farming Application

1. Prerequisites

- » IBM Cloud Services
- » Software

2. Project Objectives

- » Abstract
- » Brainstorming

3. Create And Configure IBM Cloud Services

- » Create IBM Watson Iot Platform And Device
- » Create Node- Red Service
- » Create A Database In Cloudant DB

4. Develop The Python Script

- » Develop A Python Script

5. Develop A Web Application Using Node-RED Service.

- » Develop The Web Application Using Node-RED

6. Ideation Phase

- » Literature Survey On The Selected Project & Information Gathering
- » Prepare Empathy Map
- » Ideation

7. Project Design Phase -1

- » Proposed Solution
- » Prepare Solution Fit
- » Solution Architecture

8. Project Design Phase -2

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

9. Project Planning Phase

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

10. 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