

MILTESTONES AND ACTIVITY LIST

Date	20 October 2022
Team ID	PNT2022TMID43384
Project Name	Smart Farmer - IoT Enabled Smart Farming Application

1. Introduction
2. Problem Statement
3. Project Objectives
4. Block Diagram
5. Software Installation
 - 5.1 Create the IBM Watson IoT Platform and a Device
 - 5.2 Create Node-RED Service
 - 5.3 Develop the Python code
 - 5.4 IoT simulator
6. Building project
 - 6.1 IBM Cloud services
 - 6.2 MIT App Inventor
 - 6.3 Build a Web Application using Node-RED
 - 6.4 Develop a Mobile Application
7. Ideation Phase
 - 7.1 Literature Survey
 - 7.2 Prepare Empathy Map
 - 7.3 Basic Ideation Design

8. Project Design Phase- I

8.1 Proposed Solution

8.2 Problem solution Fit

8.3 Solution Architecture

9. Project Design Phase- II

9.1 Customer Journey

9.2 Functional Requirement

9.3 Data Flow Diagrams

9.4 Technology Architecture

10. Project Planning Phase

10.1 Prepare Milestone & Activity List

10.2 Sprint Delivery Plan

11. Project Development Phase

11.1 Project Development- Delivery of Sprint-1

11.2 Project Development- Delivery of Sprint-2

11.3 Project Development- Delivery of Sprint-3

11.4 Project Development- Delivery of Sprint-4

12. Conclusion

13. Verification and Submission

14. Evaluation