

MILESTONES AND ACTIVITY LIST

Team ID: PNT2022TMD33523

Date : 18-10-2022

Smart Farmer – IoT Enabled Smart Farming Applications

1. Introduction
2. Problem Statement
3. Proposed Solution
4. Theoretical Analysis
 - 4.1 Block Diagram
 - 4.2 Required Software installation
 - 4.2.A Node-Red
 - 4.2.B IBM Watson IoT Platform
 - 4.2.C Python IDE
 - 4.3 IoT simulator
5. Building Project
 - 5.1 Connecting IoT Simulator to IBM Watson IoT Platform
 - 5.2 Configuration of Node-Red to collect IBM cloud data
 - 5.3 Configuration of Node-Red to collect data from OpenWeather
 - 5.4 Configuration of Node-Red to send commands to IBM cloud
 - 5.5 Configuration to MIT App inventor
 - 5.6 Adjusting User Interface

5.7 Receiving commands from IBM cloud using Python program

6. Project design phase - I

6.1- proposed solution

6.2- prepare solution fit

6.3- solution Architecture

7. Project design phase – II

7.1- customer journey

7.2- Functional Requirement

7.3- Data flow diagram

7.4- Technology Architecture

8. Project planning phase

8.1- prepare milestones and activity list

8.2- Sprint Delivery Plan

9. Project development phase

9.1- Delivery of Sprint 1

9.2- Delivery of Sprint 2

9.3- Delivery of Sprint 3

9.4- Delivery of Sprint 4

10. Conclusion

11. Reference