

## **MILESTONES AND ACTIVITY LIST**

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**Smart Farmer – IoT Enabled Smart farming Applications**

1. Introduction

2. Problem Statement

3. Proposed Solution

4. Theoretical Analysis

Block Diagram

Required Software installation

Node-Red

IBM Watson IoT Platform

Python IDE

IoT simulator

5. Building Project

Connecting IoT Simulator to IBM Watson IoT Platform

Configuration of Node-Red to collect IBM cloud data

Configuration of Node-Red to collect data from Open Weather

Configuration of Node-Red to send commands to IBM cloud

Configuration to MIT App inventor

Adjusting User Interface

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