

MILESTONES AND ACTIVITY LIST

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Smart Farmer – IoT Enabled Smart farming Application

Introduction

Problem Statement

1. 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 activitiy 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