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

    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