

MILESTONE AND ACTIVITY LIST

TEAM ID: PNT2022TMID37201

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Smart Farmer - IoT Enabled Smart Farming Application

1. Pre Requisites :

- IBM Cloud Services
- MIT App inventor
- Software
- Create an account in Fast2sms Dashboard

2.Project Objectives :

- Abstract
- Brainstorming

3.Create And Configure IBM Cloud Services :

- Create IBM Watson Iot Platform And Device
- Create Node- Red Service
- Create A Database In Cloudant DB

4.Develop The Python Script :

- Develop A Python Script

5. Develop A Web Application Using Node-RED Service :

- Develop The Web Application Using Node-RED

6.Ideation Phase :

- Literature Survey On The Selected Project & Information Gathering
- Empathy Map
- Ideation

7.Project Design Phase -1 :

- Proposed Solution
- Prepare Solution Fit
- Solution Architecture

8.Project Design Phase -2 :

- Customer journey
- Functional Requirement

- Data Flow Diagram
- Technology Architecture

9. Project planning Phase :

- Prepare Milestone & Activity List
- Sprint Delivery Plan

10. Project Development Phase :

- Project Development-Delivery Of Sprint-1
- Project Development-Delivery Of Sprint-2
- Project Development-Delivery Of Sprint-3
- Project Development-Delivery Of Sprint-4