**Prepare Milestone & Activity List**

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| Date | 01 November 2022 |
| Project Name | Smart Farmer \_ IoT enabled smart farming |
| Maximum marks | 4 Marks |
| TEAM ID | PNT2022TMID49483 |

1. Pre requisites:

* IBM cloud services
* Software
* MIT app inventor
* Create an account in Fast2sms dashboard

2. Project Objectives:

* Abstract

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
* Prepare Empathy Map
* Ideation & Brainstorming

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 Milestones & 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

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| S.NO | ACTIVITY TITLE | ACTIVITY DESCRIPTION | DURATION |
| 1 | Understanding the project | Assign the team members after that create repository in the GitHub and then assign task to each member and guide them how to access the GitHub while submitting the assignments | 1 week |
| 2 | Staring the Project | Team Members to assign all the tasks based on sprints and work on it accordingly. | 1week |
| 3 | Completing Every Task | Team leader should ensure that whether every team member have completed the assigned task or not. | 1week |
| 4 | Deadline | Ensure that team members are completing every task within the deadline. | 1week |