

Prepare Milestone & Activity List

Date	01 November 2022
Project Name	Smart Farmer _ IoT enabled smart farming
Maximum marks	4 Marks
TEAM ID	PNT2022TMID43020

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

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	Starting the Project	Team Members to assign all the tasks based on sprints and work on it accordingly.	1 week
3	Completing Every Task	Team leader should ensure that whether every team member have completed the assigned task or not.	1 week
4	Deadline	Ensure that team members are completing every task within the deadline.	1 week