

Project Design Phase-II
Solution Requirements (Functional & Non-functional)

Date	03 October 2022
Team ID	PNT2022TMID14790
Project Name	SMART FARMER – IOT ENABLED SMART FARMING APPLICATIONS
Maximum Marks	4 Marks

Pre-requisites: (Finished)

- ✓ IBM Cloud Services
- ✓ MIT App Inventor
- ✓ Software
- ✓ Create an Account in Fast2sms Dashboard

Create and Configure IBM Cloud Services: (Finished)

- ✓ Create IBM Watson IOT Platform and a Device
- ✓ Create Node-Red Service

Develop a Python script to Publish Script to IBM IoT platform: (Finished)

- ✓ Develop a Python Script

Build a Web Application using Node-RED service: (Finished)

- ✓ Build a Web Application using Node-RED

Develop a Mobile Application (Finished)

- ✓ Develop a Mobile Application

Ideation Phase: (Finished)

- ✓ Literature Survey On The Selected Project & Information Plan
- ✓ Prepare Empathy Map
- ✓ Ideation

Project Design Phase -1: (Finished)

- ✓ Proposed Solution
- ✓ Prepare Solution Fit
- ✓ Solution Architecture

Project Design Phase -2: (Finished)

- ✓ Customer journey
- ✓ Functional Requirement
- ✓ Data Flow Diagram
- ✓ Technology Architecture

Project planning Phase: (Finished)

- ✓ Prepare Milestones & Activity List

Sprint Delivery Phase: (In Progress)

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

Assignments: (Finished)

- ✓ Assignment - 1
- ✓ Assignment - 2
- ✓ Assignment - 3
- ✓ Assignment - 4

Final Deliverables: (In Progress)

- ✓ Final Project