# Project Design
# Phase-I Proposed
# Solution

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|---|---|
| Date | 2 novmber 2022 |
| Team ID | PNT2022TMID31050 |
| Project Name | Smart Farmer- IoT Enabled Smart Farming Application |
| Maximum Marks | 2 Marks |

**Proposed Solution Template:**

Project team shall fill the following information in proposed solution template.

| S. No. | Parameter | Description |
|---|---|---|
| 1. | Problem Statement (Problem to be solved) | Overuse of pesticides and fertilizer in agricultural fields leads to destruction of the crop as well as reduces the efficiency of the field increasing the soil vulnerability towards pest. |
| 2. | Idea / Solution description | We can provide a solution by Smart Farming Application system that is built for monitoring the crop field with help of sensors and automating the irrigation system. |
| 3. | Novelty / Uniqueness | We can use IoT devices to provide solutions for the problem in a efficient way. We use Soil moisture level sensor to get the actual moisture content present in the soil. |
| 4. | Social Impact / Customer Satisfaction | This Application will help customers/farmers to better understand the important factors of farming such as water, vegetation and soil types. |
| 5. | Business Model (Revenue Model) | This application will give a revenue or profit about 40% of yearly expenditure. |