

Project Design Phase-I
Proposed Solution Template

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| Date | 24 September 2022 |
| Team ID | PNT2022TMID48383 |
| Project Name | Project - 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) | To develop web application which automatically sense and monitor the field even if the farmer far away from the field. whether the farmer want to postpone watering the crop, which can be done by mobile application itself. |
| 2. | Idea / Solution description | Our project aim at developing a web application that built for sensing or monitoring information, such as soil condition, temperature and the prediction of natural factors like rainfall and weather, with the help of various sensor like light, temperature, humidity, soil moisture, crop health etc.. By using this application farmer can monitor the field conditions from anywhere. |
| 3. | Novelty / Uniqueness | The unique feature of our application is easy to operate. When some problem causes in the farm, the sensor indicate us by the application. |
| 4. | Social Impact / Customer Satisfaction | It will help the people which providing high yield and healthy crops. Our application indicate us before any hazards occurs. |
| 5. | Business Model (Revenue Model) | Social media is the best way to spread our application in a good manner and with influencers we can attract the normal people. |
| 6. | Scalability of the Solution | It provides service for the user or farmer which is monitored 24/7 |