# PROJECT DESIGN PHASE – 1

## Proposed solution template

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|---|---|
| Date | 10 October 2022 |
| Team ID | PNT2022TMID49320 |
| Project name | SmartFarmer-IoT Enabled Smart Farming Application |
| Maximum mark | 2 mark |

## Proposed solution templates:

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

| S.No | Parameters | Description |
|---|---|---|
| 1. | Problem statement (Problem to be solved) | Ideally ,each filed should get just the right amount of water at just the right time.Under watering causes crop stress and yield reduction. |
| 2. | Idea /Solution description | Livestock tracking and Geo fencing.Smart logistics and warehousing.Smart pest managemment. |
| 3. | Novity/Uniqueness | The novelty of the proposed approach lies in using the knowledge base and multi-agent technology to develop coordinated decisions on management of agricultural enterprises. |
| 4. | Social impact/Customer satisfaction | Agriculture impacts society in many ways, including:supporting livelihoods through food,habitat, and jobs. |
| 5. | Business model (Revenue model) | Model formers are used by extension agencies to serve as in-community representatives for new agriculture inputs or cultivation techniques. |
| 6. | Scalability of the solution | Scalability in smart forming refers to the adptability of a system to increase the capacity. |