**MAHENDRA INSTITUTE OF TECHNOLOGY**

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|  | **Department of Computer Science and Engineering**  **Smart Farmer-IOT Enabled Smart Farming Application**  **IBM NALAIYATHIRAN**  **Proposed Solution**   |  |  | | --- | --- | | **TITLE** | **Smart Farmer-IOT Enabled Smart Farming Application** | | **DOMAIN NAME** | INTERNET OF THINGS | | **TEAM ID** | PNT2022TMID17252 | | **LEADER NAME** | KARTHICKRAJA M | | **TEAM MEMBER NAME** | KAVIN M  KAVIYARASAN R  LOGANATHAN K | | **MENTOR NAME** | DIVYA BHARATHI G | |

**Proposed Solution Template:**

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

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| **S.No.** | **Parameter** | **Description** |
| 1. | Problem Statement (Problem to be solved) | To incorporate the process of working and also elevate the smart farming using IOT enabled smart Farming technique since the traditional Farming technique I very  complex one. |
| 2. | Idea / Solution description | To automate irrigation in accordance to the amount of moisture present in soil |
| 3. | Novelty / Uniqueness | Automation of irrigation to amount of moisture |
| 4. | Social Impact / Customer Satisfaction | The problems faced by the farmers in the  process of irrigation gets solved and this full fills and saves their crops from over irrigation |
| 5. | Business Model (Revenue Model) | The process of fulfilling this process brings revolution in drip irrigation systems also makes a revolutionary change in market |
| 6. | Scalability of the Solution | The design scale of solution has been planned in a compact manner |