**Project Design Phase-I**

**Proposed Solution Template**

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| Date | 24 September 2022 |
| Team ID | PNT2022TMID47947 |
| Project Name | Project – Smart farmer - Iot enabled smart farming application. |
| Maximum Marks | 2 Marks |

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| **S.No.** | **Parameter** | **Description** |
|  | Problem Statement (Problem to be solved) | Farmer needs to monitoring sensors parameters by using a web or mobile application even if the farmer is not near his field . Watering the crops is one of the important task for the farmers . They can make the decision whether to  water the crops or postpone it by monitoring the sensors parameters and controlling the motor pumps from the mobile application. |
|  | Idea / Solution description | Best way of monitoring the sensor parameters. One of the easiest mobile application. Automatic adjustment of farming equipment. |
|  | Novelty / Uniqueness | Ability to store data locally. Retrieve the relevant dataset instantly. Find out more about smart farming |
|  | Social Impact / Customer Satisfaction | Real time & intelligent cost mangement.Increased work efficiency.Easy maintenance |
|  | Business Model (Revenue Model) | access to capital for service providers and removing financial risks, collective action across organisations and villages, alignment with governmental institutions and farmer cooperatives, and recognition that water is a valuable resource and should be treated as such. To develop investment funds for the implementation of the custom hire model that include both public and private funds |
|  | Scalability of the Solution | Easier financial forecasting. Improved sustainability. |