Project Design Phase-I
Proposed Solution Template

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

S.No.	Parameter	Description
1.	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.
2.	Idea / Solution description	Best way of monitoring the sensor parameters. One of the easiest mobile application. Automatic adjustment of farming equipment.
3.	Novelty / Uniqueness	Ability to store data locally. Retrieve the relevant dataset instantly. Find out more about smart farming
4.	Social Impact / Customer Satisfaction	Real time & intelligent cost mangement.Increased work efficiency.Easy maintenance
5.	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
6.	Scalability of the Solution	Easier financial forecasting. Improved sustainability.