Project design phase-I

Proposed solution template

Date	31-10-22
Team Id	PNT2022TMID04737
Project Name	Smart Farmer-IOT Enabled Smart Farming Application
Maximum Marks	2 Marks

Proposed Solution Template:

s.no	Parameter	Description
1.	Problem statement (Problem to be solved)	The water for the crops varies season to season. Low and High supply of water can affect the health and growth of the plant.
2.	Idea/ Solution description	Solution is to monitor the moisture of the soil and irrigate the crop accordingly.
3.	Novelty/Uniqueness	Lots of new research in terms of smart IOT based products to facilitate smart farming in terms of water management .It is developed for monitoring of moisture through sensors and irrigating smartly.
4.	Social Impact/customer satisfaction	We can save the water that has being wasted.
5	Business model (Revenue model)	The project involves mobile application for monitoring, irrigating water which is easy for a farmer than the existing ideas.
6.	Scalability of the solution	Based on the seasons, the

		scalability of water varies, this solution saves water effectively.