

MAHENDRA INSTITUTE OF TECHNOLOGY

Department of Computer Science and Engineering

Project Design Phase-I

Proposed Solution

Date	10 October 2022
Team ID	PNT2022TMID17172
Project Name	Smart Farmer -IOT Enabled Smart Farmer Application
Maximum Marks	4 Marks
Team Leader	ALLWIN JOSHUA Y
Team Members	AMARNATH M ARAVINDHAN P ARULKUMARAN S
Mentor Name	MANJUBASHINI B

Proposed Solution Template:

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

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 is 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 fully 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