

Project Design Phase-I Proposed Solution Template

Date	23 September 2022
Team ID	PNT2022TMID33619
Project Name	Project – IoT based smart crop protection system for agriculture
Maximum Marks	2 Marks

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)	As we know in present era everything is based on digital technology. Human being is going to connect each other by using mobile network. This project proposes an SMS based solution to reduced parents insecurity to track children's in real time. Different devices are connected with a single device through. The concerned device is connected to mobile via SMS.
2.	Idea / Solution description	With this motivation, a smart IoT device for child safety and tracking is developed to help the parents to locate and monitor their children.
3.	Novelty / Uniqueness	The system is developed using board programmed in embedded C and interfaced with temperature, heartbeat, touch sensors and also GPS and GMS.
4.	Social Impact / Customer Satisfaction	In this modern world we are not even able to monitor our children this will help the people to monitor even the hearbeat and GPS systems.
5.	Business Model (Revenue Model)	Child and Women play vital roles in our society from their birth to the end of life. In the past few years, crime against child and women has increased to a great extent. They are facing many securities related problems. We can hear the news of women harassments than their achievements.
6.	Scalability of the Solution	it is clearly explained the IoT concept, child safety issues and the need of using child security system. child safety can be ensured and crime rate will be reduced.