

**Project Design Phase-I**  
**Proposed Solution Template**

Date	25 September 2022
Team ID	PNT2022TMID13542
Project Name	Hazardous area monitoring system for industrial plant powered by iot
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)	Most of the workers are worked in the industrial power plant ,on there most of the power are emitted from the power plant ,so the temperature will be increased that increase in temperature will affects the human health . To rectify these kind of problems the project is made.
2.	Idea / Solution description	Every persons is working in those areas will be given smart wearable devices which will be actings as beacon scanners.Whenever the person goes near beacon scanners he can view the temperature on his wearable device and if temperature is high,he will receive the alerts to the mobile through SMS using API.Through this wearable device,the data is sent to the cloud and through the dashboard,the admins of that particular plant can view the data and take necessary precautions if required.
3.	Novelty / Uniqueness	In novelty of the project,we can use the beacon devices which to sense the temperature.
4.	Social Impact / Customer Satisfaction	Low cost. Easy to operate. Reliability.
5.	Business Model (Revenue Model)	Sales revenues and maintanance. Periodically report and periodically meeting. It has the industrial areas.
6.	Scalability of the Solution	It is long reliability. It uses the long period of time.