**Project Design Phase-I**

**Proposed Solution Template**

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| Date | 24 September 2022 |
| Team ID | PNT2022TMID35923 |
| Project Name | HAZARDOUS AREA MONITORING FOR INDUSTRIAL PLANT POWERED BY IOT |
| Maximum Marks | 2 Marks |

**Proposed Solution Template:**

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

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| **S.No.** | **Parameter** | **Description** |
|  | Problem Statement (Problem to be solved) | Working environment hazards includes suffocation, gas explosion and gas poisoning. Hence air quality and hazardous is an important factor in industry. |
|  | Idea / Solution description | A smart Beacon device can be integrated for monitoring real time situation of working environment from monitoring station |
|  | Novelty / Uniqueness | An alert button is used at base station so that control room can directly convey the emergency message to the workers. |
|  | Social Impact / Customer Satisfaction | Reducing the risk of failure  Improving efficiency in industries  Keeping the working environment safer |
|  | Business Model (Revenue Model) | Work intensity  Integrated features of each hardware component for its development. |
|  | Scalability of the Solution | Cost effective  Reliable Simple & easy. |