Project Design Phase-I Proposed Solution Template

|  |  |
| --- | --- |
| Date | 19 September 2022 |
| Team ID | PNT2022TMID08691 |
| Project Name | IOT based safety gadget for child safety monitoring and notification |
| 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) | Cases of children missing has been increasing to minimize the crime and provide safety  assurance to parent’s certain safety measures are required like monitoring the location. |
| 2. | Idea / Solution description | A smart band based on IOT technology that is capable of tracking the location and sending  the information to relevant users. |
| 3. | Novelty / Uniqueness | Including features such as geo fencing using the location from GPS for monitoring the moment  of the children for safety purposes |
| 4. | Social Impact / Customer Satisfaction | Improved safety index for children, freedom for children with special needs. Reducing crime rate by providing safety measures. |
| 5. | Business Model (Revenue Model) | Product is mainly focused to attract parents as they provide a sense of safety. The product along with the cloud service subscription can be  sold. |
| 6. | Scalability of the Solution | As the product is offered with subscription service , further development in both software and hardware can be made |