**Project Design Phase-I**

**Proposed Solution**

|  |  |
| --- | --- |
| Date | 05 October 2022 |
| Team ID | PNT2022TMID37442 |
| Project Name | IoT Based Safety Gadget for Child Safety Monitoring and Notification |
| Maximum Marks | 2 Marks |

**Proposed Solution :**

|  |  |  |
| --- | --- | --- |
| **S.No.** | **Parameter** | **Description** |
| 1. | Problem Statement (Problem to be solved) | As we all know, kids are the heartbeat of every parent, and when it comes to a child with special needs, parents have to be extra careful. Parents can’t monitor the child by 24/7, if they have work. |
| 2. | Idea / Solution description | * Our solution is achieved through monitoring the child by developing a wearable device to track the location.      * Parameters include temperature, emotions and wet detection using appropriate sensors.      * Based on the Sensor values an alert message with location and phone call is initialized and notified to neighbors and end user. |
| 3. | Novelty / Uniqueness | • Our System offers an GPS tracking and wearable device to get information about the location and also an immediate notification. |
| 4. | Social Impact / Customer Satisfaction | • Improved safety, provides freedom for the children with their needs. |
| 5. | Business Model (Revenue Model) | Our system provides a futuristic framework in such a way that new technologies in the market that align with our system can be readily adopted, adding more profit from a revenue standpoint and also offering multiple benefits at a viable cost from a user standpoint. |
| 6. | Scalability of the Solution | * It is a portable system. * It is more efficient and costs less. * It requires little maintenance. |