**Project Design Phase-I**

**Proposed Solution**

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| **Date** | 26 September 2022 |
| **Team ID** | PNT2022TMID10208 |
| **Project Name** | Protection And pursuing IOT – Based Smart Device for Child Saftey |
| **Maximum Marks** | 2 Marks |

**Proposed Solution:**

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| **S.No.** | **Parameter** | **Description** |
| 1. | Proposed Statement (Problem to be solved) | The GPS module is used to record current location of the device which is used to track the device if the child is missing. Hence, this device provides a security cover to the child in today’s time. |
| 2. | Idea / Solution Description | The child safety wearable device is capable of acting as a smart loT device. It provides parents with the real-time location, surrounding temperature, UV radiation index and SOS light along with Distress alarm buzzer for their child's surroundings and the ability to locate their child or alert bystanders in acting to rescue or comfort the child |
| 3. | Novelty / Uniqueness | A novel ZigBee based temperature and also blood pressure monitoring system using wireless communication technology |
| 4. | Social Impact / Customer Satisfaction | Advances in internet and mobile applications there are many smart devices introduced in the market which enables parents to track their kids and ensure their safety |
| 5. | Business Model (Revenue Model) | The future scope of the work is to implement the IoT device which ensures the complete solution for child safety problems. |
| 6. | Scalability of the solution | Using 16 cameras fixing around swimming pools walls and programming with AI algorithm |