Project Design Phase-II

Solution Requirements

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| Date | 19 October 2022 |
| Team ID | PNT2022TMID18845 |
| Project Name | IoT Based Safety Gadget For Child Safety  Monitoring & Notification |
| Maximum Marks | 4 Marks |

# Functional Requirements:

Following are the functional requirements of the proposed solution.

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| **FR No.** | **Functional Requirement (Epic)** | **Sub Requirement (Story / Sub-Task)** |
| FR-1 | User Registration | Registration through Form  Registration through Gmail |
| FR-2 | User Confirmation | Confirmation via Email  Confirmation via OTP |
| FR-3 | User Notification | Notification send to Mobile Number Notification send  through message/ call |
| FR-4 | User Location Check | Check through Account |

# Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

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| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | Allow parents to track their child’s location and also  monitor them. |
| NFR-2 | **Security** | Creates a secure environment for children to  monitor around |
| NFR-3 | **Reliability** | Increased reliability towards technology |
| NFR-4 | **Performance** | High performance in terms of simple usage and  security |
| NFR-5 | **Availability** | Backup power supply |
| NFR-6 | **Scalability** | Increase in scalability |