

## Solution Requirements

<b>Date</b>	4 November 2022
<b>Team ID</b>	PNT2022TMID06213
<b>Project Name</b>	IOT Based Safety Gadget For Child Safety Monitoring & Notification
<b>Maximum Marks</b>	4 Marks

### Functional Requirements:

Following are the functional requirements of the proposed solution.

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

### Non-functional Requirements:

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

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