Project Design Phase-II
Solution Requirements (Functional & Non-functional)

Date	15 October 2022
Team ID	PNT2022TMID02992
Project Name	IOT based safety gadget for child safety and notification system
Maximum Marks	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	User Registration	Enlistment through account and through Gmail
FR - 2	User Confirmation	Email confirmation and confirmation by OTP
FR - 3	User Notification	Notification to registered mobile number via message
FR - 4	User location check	Location check through account

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR – 1	**Usability**	Allows parents to track and assist their child's location. Sound the alarm in an emergency. .
NFR – 2	**Security**	Creates a secure environment when the child moves around.
NFR – 3	**Reliability**	Increased reliability towards technology and reduced reliability towards guardians.
NFR – 4	**Performance**	High performance in the sense usage and security.
NFR – 5	**Availability**	Reliable use of electricity and all time delivery.
NFR - 6	**Scalability**	High stage with growth in performance.