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

Team ID	PNT2022TMID33026
Project Name	IoT based safety gadget for child safety and notification system

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	Registration through account Registration through Gmail
FR - 2	User Confirmation	Confirmation via Email Confirmation via OTP
FR - 3	User Notification	Notification to registered mobile number Notification via message
FR - 4	User location check	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 keep a track of their child's location and also, help them raise an alarm in case of an emergency.
NFR – 2	**Security**	Creates a secure environment for children to move around.
NFR – 3	**Reliability**	Increased reliability towards technology and reduced reliability towards guardians.
NFR – 4	**Performance**	High performance in terms of simple usage and security.
NFR – 5	**Availability**	Any time usage backed up by power supply.
NFR - 6	**Scalability**	High level with increase in performance.