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

Team ID	PNT2022TMID38891
Project Name	IOT based safety gadget for child safety monitoring 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 official website Registration through Gmail account
FR - 2	**User Confirmation**	Confirmation OTP via Email Confirmation OTP via TEXT
FR - 3	**User Notification**	Notification to registered mobile number Notification via mobile application
FR - 4	**User location check**	Check through official website and mobile application

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR – 1	**Usability**	Parents should be able to understand how it works. The device should also be reliable and provide accurate information.
NFR – 2	**Security**	To be secure in order to protect the child's privacy and safety.
NFR – 3	**Reliability**	Increased reliability towards technology and reduced stress to the parents and guardians.
NFR – 4	**Performance**	High performance in terms of simple usageand security.
NFR – 5	**Availability**	Any time usage backed up by power supply.
NFR - 6	**Scalability**	High level performance and it's refers to its ability to handle increased demand.