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

Date	10 October 2022
Team ID	PNT2022TMID15198
Project Name	Project - IOT Based Safety Gadget for Child Safety Monitoring & Notification
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	Registration through Form Registration through Gmail Registration through LinkedIN
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.