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

Date	03 October 2022
Team ID	PNT2022TMID39165
Project Name	IOT 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	Notification	SMS message send to the register mobile number
FR-4	User Interface	Mobile app for parents Web interface for registration ,record tracking and gain the information

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Accessed through mobile app showing the location of the child and also other measures to ensure safety like notification portable and comfortable for use.
NFR-2	**Security**	Database security and ensuring the safety of the product while in use.
NFR-3	**Reliability**	Once logged in the webpage is available untill logging out of the app, and a comfortable platform or creates a good Environment for users to use.
NFR-4	**Performance**	Each page must load within 3 seconds and database needs to be updated every few seconds and a notification must be sent immediately.
NFR-5	**Availability**	The data must be available whenever needed and the product should be able to use at any time.
NFR-6	**Scalability**	The process must be flexible to use at anytime and any where.