

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

Date	16 October 2022
Team ID	PNT2022TMID28571
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.	Function Requirement	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 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	Parent keep track of their child location .
NFR-2	Security	It is use have a secure environment for the children
NFR-3	Reliability	Increased reliability towards technology and reduce 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