

Project Design Phase-II

Solution Requirements

Date	19 October 2022
Team ID	PNT2022TMID18845
Project Name	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
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	User Notification	Notification send to Mobile Number Notification send through message/ call
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	Allow parents to track their child's location and also monitor them.
NFR-2	Security	Creates a secure environment for children to monitor around
NFR-3	Reliability	Increased reliability towards technology
NFR-4	Performance	High performance in terms of simple usage and security
NFR-5	Availability	Backup power supply
NFR-6	Scalability	Increase in scalability