

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

Date	03 October 2022
Team ID	PNT2022TMID18337
Project Name	Project - IoT Based Safety Gadget for Child Safety Monitoring and 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 account
FR-2	User Confirmation	Registration through Gmail
FR-3	User Notification	Confirmation via Email
FR-4	User location check	Confirmation via OTP

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, help them
NFR-2	Security	raise an alarm in case of an emergency.
NFR-3	Reliability	Creates a secure environment for
NFR-4	Performance	children to move around.
NFR-5	Availability	Increased reliability towards technology and reduced reliability
NFR-6	Scalability	towards guardians.