

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

Date	05 November 2022
Team ID	PNT2022TMID12772
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	Notification	Notified via Mobil App
FR-4	User Interface	Mobile App- MIT Inventor able to see location of children when they are not of geoference

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 location(latitude and longitude)of child
NFR-2	Security	Database security and ensuring the safety of the product while in use
NFR-3	Reliability	An update will be provided if any errors are found in the device
NFR-4	Performance	Each page must load within 2 seconds
NFR-5	Availability	Back up power supply
NFR-6	Scalability	Increase in scaability