

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

Date	07 November 2022
Team ID	PNT2022TMID47759
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 Form Registration through Gmail Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	user login	login in Gmail login in security
FR-4	child monitoring	monitor share notify the parents.

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Understandability, learnability, operability, attractiveness
NFR-2	Security	Malware on endpoints, lack of encryption, social media attack
NFR-3	Reliability	Tolerating hardware and software faults human error.
NFR-4	Performance	Equity, human resource, physical and online environment
NFR-5	Availability	Organizational customers.
NFR-6	Scalability	Measuring load and performance latency percentiles, throughput