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

Date	15October 2022
Team ID	PNT2022TMID29745
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 Gmail
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	login	Check credintials
FR-4	Checks the location	Through gps
FR-5	Monitors the location and video capture	Capture the video and location through the gadget which the child wears
FR-6	logout	exit

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Easy to use the gadget.
NFR-2	**Security**	Make sure your child understands that they should always tell you if a stranger approaches, and never to keep this secret.
NFR-3	**Reliability**	Child's surroundings can be located with the help of accurate and precise real-time location.
NFR-4	**Performance**	It easy to track the smart gadget
NFR-5	**Availability**	Audio, video, GPS and sensor
NFR-6	**Scalability**	Young children may refuse to cooperate unless allowed to play with their gadgets.