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

Date	07October 2022
Team ID	PNT2022TMID41842
Project Name	Project–IOT based safety gadget for child safety monitoring and notification
Maximum Marks	4 Marks

Functional Requirements:

Followingarethefunctionalrequirementsoftheproposedsolution.

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	Notification	Notified via Mobile App
FR-4	User Interface	Mobile App- MIT App Inventor Able to see location of children when they are out of geo fence

Non-functional Requirements:

Followingarethenon-functionalrequirementsoftheproposedsolution.

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 must meet HIPAA requirements
NFR-3	**Reliability and Availability**	Once logged in,web page is available until logging out
NFR-4	**Performance**	Eachpagemustloadwithin2seconds
NFR-6	**Scalability**	Theprocessmustfinishwithin3hourssodataisavailableby8a.m.local time after an over night update

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TEAM SIZE   :4