

ProjectDesignPhase-II SolutionRequirements(Functional&Non- functional)

Date	17October2022
TeamID	PNT2022TMID47921
Project Name	Project –IOT based safety gadget for child safety monitoring and notification
MaximumMarks	4Marks

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	FunctionalRequirement(Epic)	SubRequirement(Story/Sub-Task)
FR-1	UserRegistration	Registration through Form Registration through Gmail
FR-2	UserConfirmation	Confirmation via Email Confirmation via OTP
FR-3	Notification	Notified via Mobile App
FR-4	UserInterface	Mobile App-MIT App Inventor Able to see location of children when they are out of geo fence

Non-functional requirements:

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

FR No.	Non-FunctionalRequirement	Description
NFR-1	Usability	Accessed through MobileApp Showing location(latitude and longitude)of child
NFR-2	Security	Database security must meet HIPAA requirements
NFR-3	ReliabilityandAvailability	Once loggedin,web page is available until logging out of the app
NFR-4	Performance	Each page must load within 2seconds
NFR-6	Scalability	Theilable by 8a.m.localtime after an overnight update