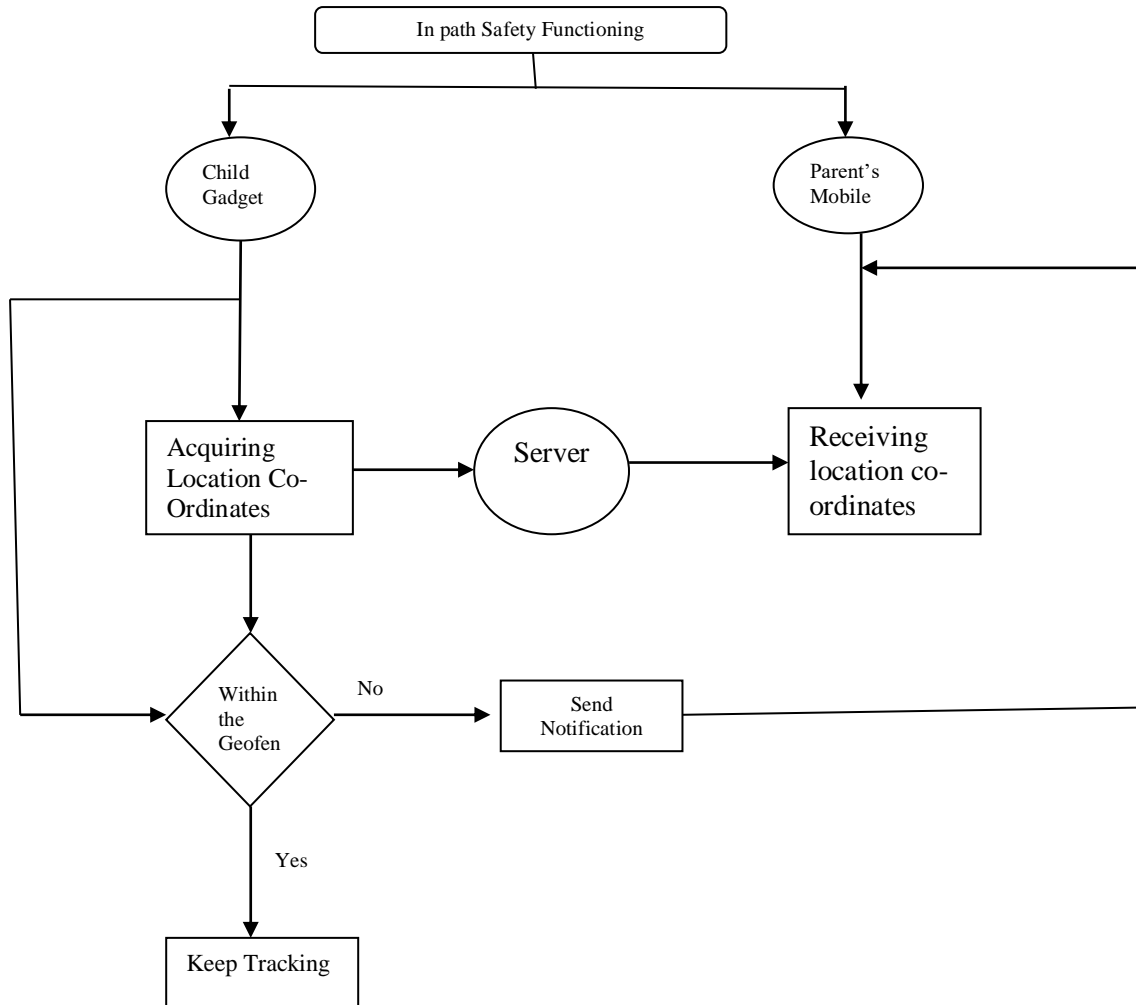


Project Design Phase-II

Data Flow Diagram & User Stories

Date	16 October 2022
Team ID	PNT2022TMID50079
Project Name	IoT Based Safety Gadget for Child Safety Monitoring and Notification
Maximum Marks	4 Marks

DATA FLOW DIAGRAM:



Project Design Phase-II

Data Flow Diagram & User Stories

User Type	Functional Requirement	User Story Number	User Story/Task	Acceptance Criteria	Priority	Release
Customer (Mobile User)	Registration	USN-1	As a user, I can register for the application by email and Mobile number	I can access my GPS modern	High	Sprint-1
Customer (Web User)	Web Application	USN-2	Create a web application through which the user interact with the device	Create with Node-Red Service	High	Sprint-1
Customer Care Executive	Configure to device	USN-3	Create and Configure IBM Cloud Service with devices	Create with IBM Watson IoT platform	High	Sprint-2
Customer (Data Base)	To store Location data	USN-4	The entire location data will be store in Database	Create a database in Cloudant DB	Low	Sprint-2
Customer (Geofence)	Integrate the Geofence and Google map	USN-5	Notifies the parent if the goes out of Geofence	Develop a python Script	High	Sprint-1