Project Design Phase-II
Data Flow Diagram & User Stories

Date	22 October 2022
Team ID	PNT2022TMID34328
Project Name	IoT Based Safety Gadget for Child SafetyMonitoring & Notification
Maximum Marks	4 Marks

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.
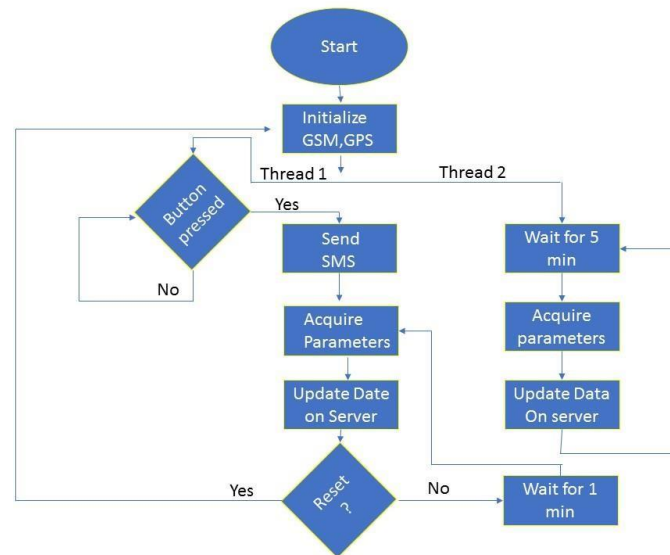
User Stories

Use the below template to list all the user stories for the product.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1 (Father)	As a user, I can register by entering my email, password, and confirming my password. I can access the location of my children using the credentials provided as aFather.	I can access my account /dashboard and receive confirmation email & click confirm	High	Sprint-1
		USN-2 (MOTHER)	As a user, I can register by entering my email, password, and confirming my password. I can access the location of my children using the credentials provided as aMother	I can access my account /dashboard and receive confirmation email & click confirm	High	Sprint-1
		USN-3 (GUARDIAN/ CARETAKER)	As a user, I can also monitor the children's activities using a safety gadget monitoringsystem.	I can access my account /dashboard and receive confirmation email & click confirm	Medium	Sprint-2
	Login	USN-4	As a user, I can log into the application by entering email & password.	I can access my account / dashboard.	Medium	Sprint-1
	Dashboard	USN-5	As a user, I can fix the geo fence for my child's location so that I will receive alerts ifmy child crosses the geo fence.	I can monitor the currentlocation of my child.	High	Sprint-1
Customer (Web user)	Registration	USN-1 (FATHER)	As a user, I can register by entering my email, password, and confirming my password. I can access the location of my children using the credentials provided as a Father.	I can access my account /dashboard and receive confirmation email & click confirm	High	Sprint-1
		USN-2 (MOTHER)	As a user, I can register by entering my email, password, and confirming my password. I can access the location of my children using the credentials provided as aMother.	I can access my account /dashboard and receive confirmation email & click confirm	High	Sprint-1

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
		USN-3 (GUARDIAN/ CARETAKER)	As a user, I can also monitor the children'sactivities using a safety gadget monitoring system	I can access my account /dashboard and receive	Medium	Sprint-1
	Login	USN-4	As a user, I can log into the application by entering email & password.	I can access my account / dashboard.	Medium	Sprint -1
	Dashboard	USN-5	As a user, I can fix the geofence for my child's location so that I will receive alerts ifmy child crosses the geofence.	I can monitor the currentlocation of my child.	High	Sprint-2
Customer Care	Dashboard	USN-6	As a customer care service person, whenever I receive a complaint, I forward the complaint and ensure that the complaint is resolved.	I can keep track of all the complaints and the statusof the complaints received.	Medium	Sprint-1
Administrator	Admin Dashboar d	USN-7	As an administrator, I will take care of allthe payment processes, queries and complaints and login credentials.	I can access all the customer details, paymentdetails and complaints received.	High	Sprint-4