

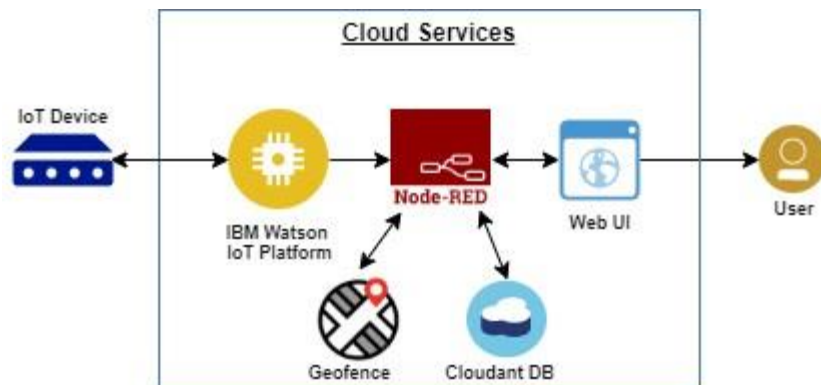
Project Design Phase-II

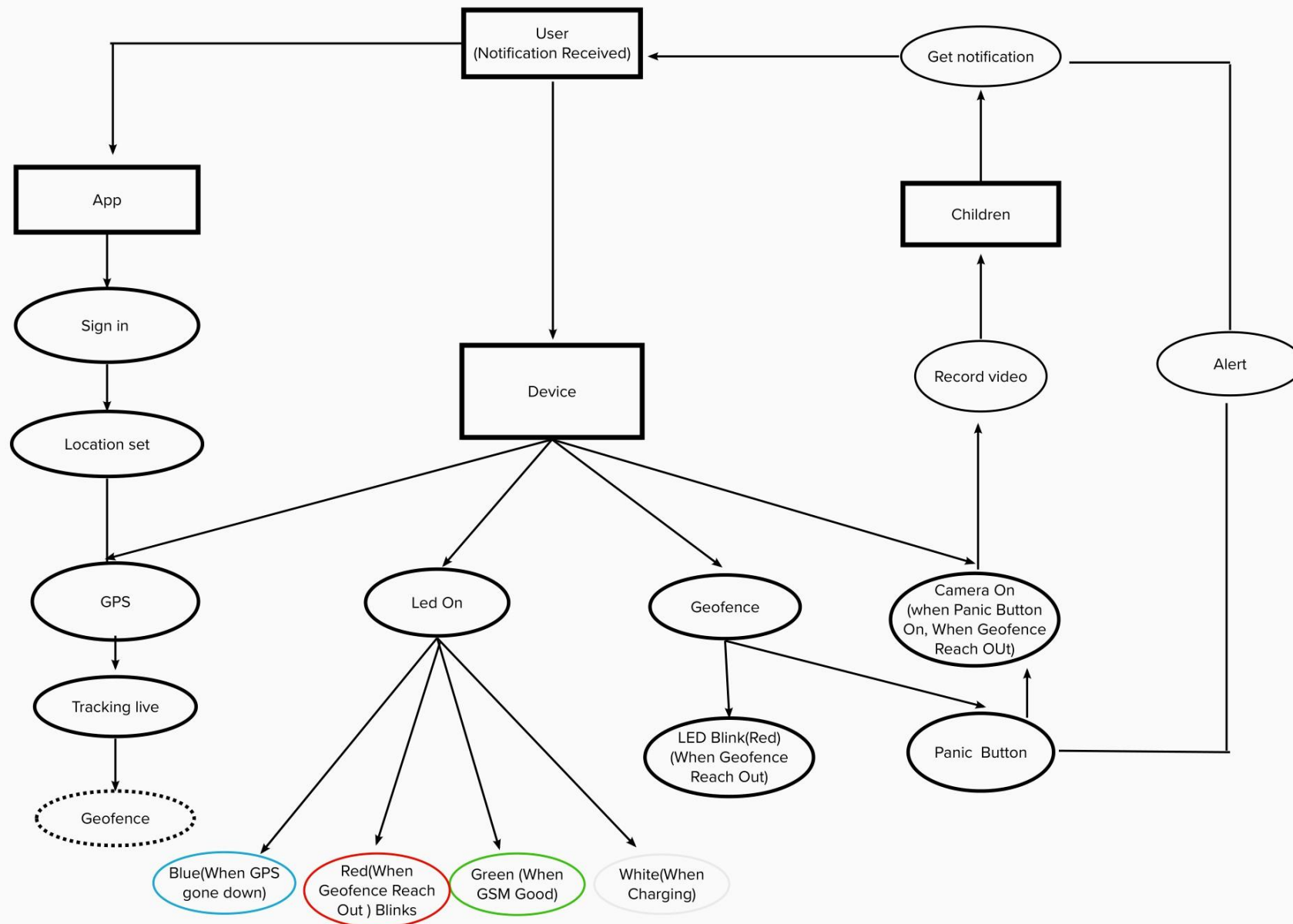
Data Flow Diagram & User Stories

Date	15 October 2022
Team ID	PNT2022TMID46774
Project Name	Project - IoT Based Safety Gadget for Child Safety Monitoring and 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	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-1
		USN-3	As a user, I can register for the application through Gmail	I can receive Verification Mail and Verify it.	Medium	Sprint-1
	Login	USN-4	As a user, I can log into the application by entering email & password	I can receive Verification Mail and Verify it.	High	Sprint-1
	Dashboard	USN-5	As a User, I can Navigate to the Dashboard after successfully Login to the Application.	I can See the Options Available on the Platform.	High	Sprint-1
Customer Care Executive	Support	USN-6	As a User, I can connect with Experts for clearing Queries and facing any Challenges by interact they can help to overcome that.	I can Chat and Call them and get cleared about any Difficulties Via Toll Free Number.	High	Sprint-2
Administrator	Profile	USN-7	As an Administrator, I can enter my Details as phone number, Gmail, and So on while Registration or Login Process. As an Administrator, I will Manage the Recycle Bin, Backup and Security. As an Administrator, I can Set the Geofence Location Limit. As an Administrator, I am able to View the Notifications from the Gadget.	I can Use the Options Available on the Dashboard.	High	Sprint-3

Customer (Gadget User)	LED	USN-8	As a User, I Can View the LED light glow and Blinks for Various Situation.	I Can View Led glow, When Geofence Crossed – RED Blinks. When charging - WHITE. When GPS Network is gone Low – BLUE Blinks.	High	Sprint-4
User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
				When GSM GOOD – GREEN. BAD – Green BLINKS.		
	Panic Button	USN-9	As a User, I can Press the Button when I feel the Situation is Dangerous	Customer (Mobile User) Can Get Notification and also with a Video Streaming.	High	Sprint-4