

Project Design Phase-II

Data Flow Diagram & User Stories

Date	13 October 2022
Team ID	PNT2022TMID21482
Project Name	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 Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-2
		USN-4	As a user, I can register for the application through Gmail	I can register & access the dashboard with a Gmail account Login	Medium	Sprint-1

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
	Login	USN-5	As a user, I can log into the application by entering email & password	I can receive a verification Mail and Verify It.	High	Sprint-1
	Dashboard	USN-6	As a User, I can Navigate to the Dashboard after successfully Login to the Application.	I can view the locations which are stored in the database and other features available on the Platform via the dashboard	High	Sprint-2
Customer (Web user)	Notification	USN-7	As a user when there is an alarming situation with the child, a notification will be received through the application	An alert message is sent to the parent's mobile and received if the user is engaged in the application.	High	Sprint-1
Customer Care Executive	Support	USN-8	As a User, I can contact experts to clear doubts, they assist to overcome challenges by checking for any glitches and monitoring the operation and by checking if all the users are authorized.	I can login with my given credentials to chat/call them and get clarity about any intricacies.	Medium	Sprint - 3
Administrator	Login	USN-9	As an Administrator, I can set the Geofence Location Limit and make sure the database encompassing the locations is secure, factual and updated constantly	I can log in with my provided credentials and can exploit the prospects Open on the Dashboard	High	Sprint - 3
	Access	USN-10	When there are issues in accessing both the device (connection of both parent's & child's device)	Admin/Device Operator's advice should be followed	Medium	Sprint-1
	Security	USN-11	Maintaining and making sure the database containing the locations are secure and accurate and updated constantly.	I can login only with my provided credentials	High	Sprint-3

