Project Design Phase-II
Data Flow Diagram & User Stories

Date	20 October 2022
Team ID	PNT2022TMID25493
Project Name	Project - IoT based safety gadget for child safety monitoring and notification
Maximum Marks	4 Marks

Data Flow Diagrams:
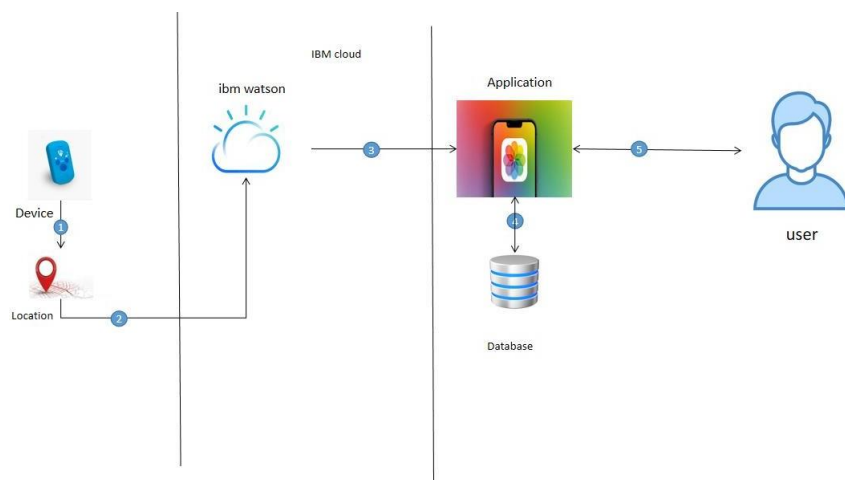
1. GPS tracking device tracks the location of a child.

2. Location data collected from the device is sends to IBM watson cloud.

3. The Processed data from the IBM watson cloud is send to User application.

4. The data are stored in the database can be accessed through the application

5. The user can use the application to view the child's location and the visited location history.
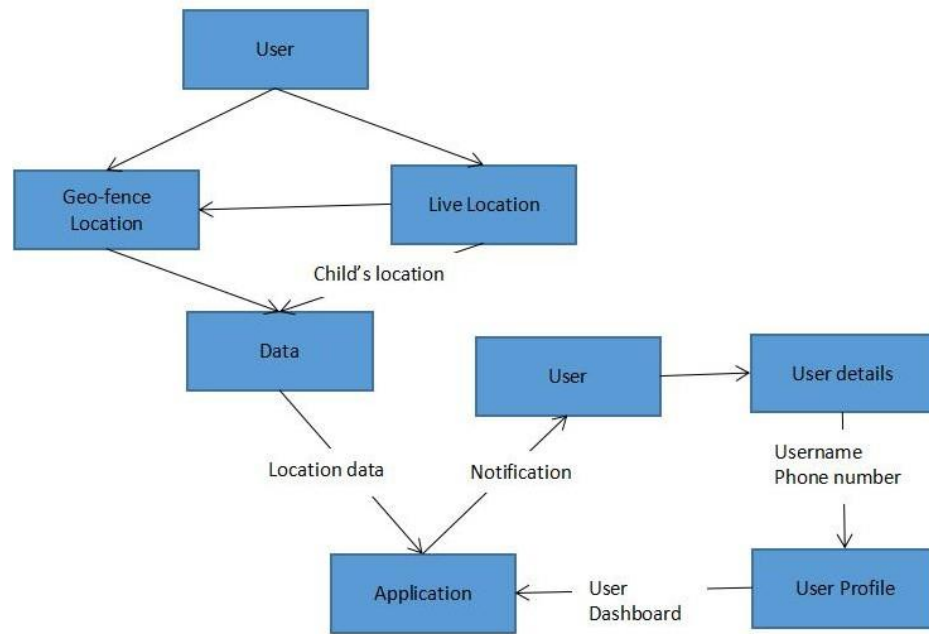
User Stories

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	I can register & access the	Low	Sprint-2

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
			through Facebook	dashboard with Facebook Login		
		USN-4	As a user, I can register for the application through Gmail	I can register & access the dashboard with Gmail	Medium	Sprint-2
	Login	USN-5	As a user, I can log into the application by entering email & password	I can log in to the application with the email & password	High	Sprint-1
	Dashboard	USN-6	As a user I can log into the dashboard and use the functions in it	I can view the location of the child and see the visited location history	High	Sprint-4
Customer Care Executive	Help	USN-7	As a user I can contact the administrator through Help option	I can contact administrator in case of issues in app/devices	Medium	Sprint-4
Administrator	Administration	USN-8	As an administrator I can ensure the safety of the data and error free application	I can provide the apps if there is any problems in the application/device	High	Sprint-3