Project Design Phase-II

Data Flow Diagram
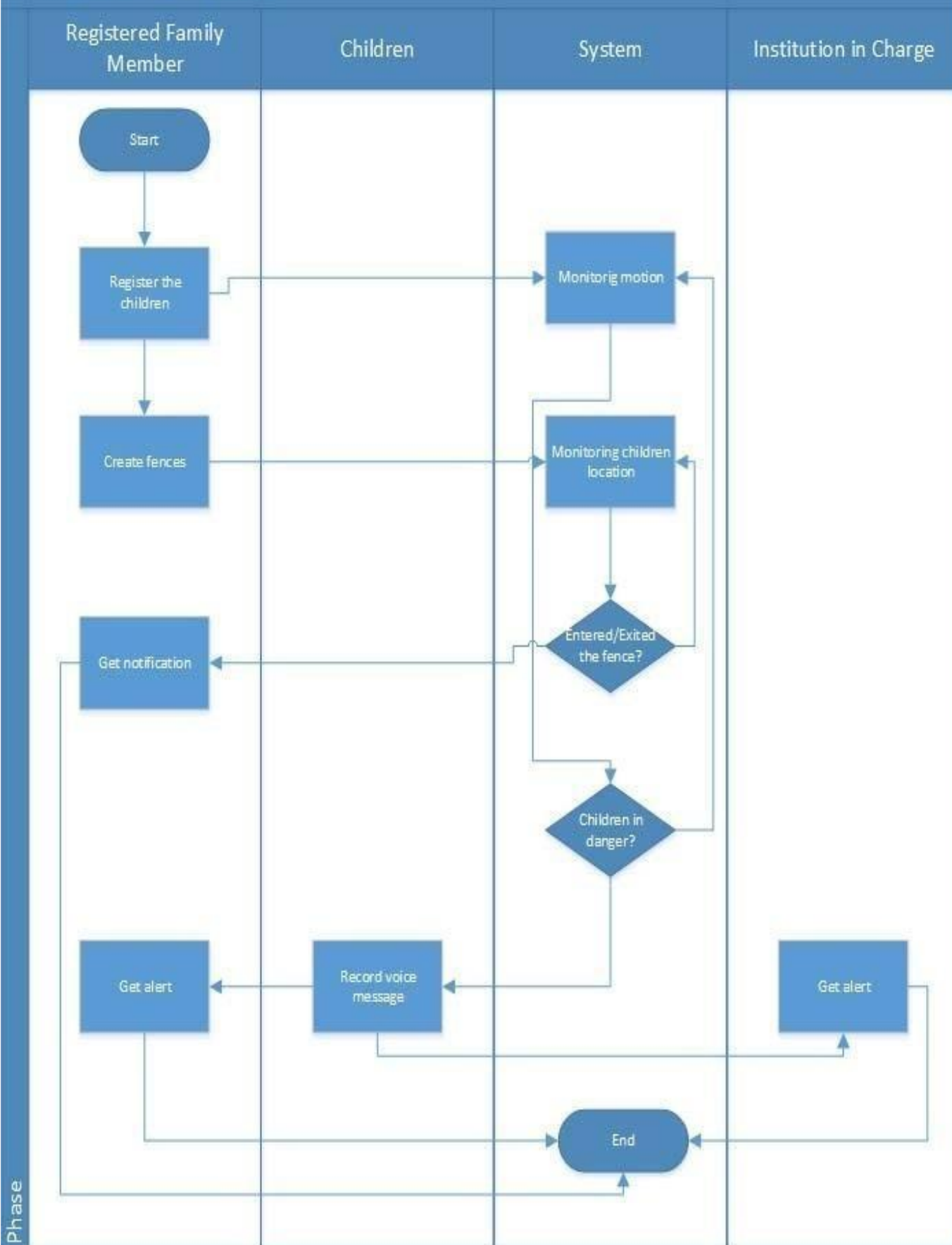
Date	15 OCT 2022
Team ID	PNT2022TMID33319
Project Name	Project-IOT Based Safety Gadget for child Safety Monitoring and Notification
Maximum Marks	4 Marks

Data Flow Diagrams:

A data-flow diagram is a way of representing a flow of data through a process or a system. The DFD also provides information about the outputs and inputs of each entity and the process itself. A data-flow diagramhas no control flow — there are no decision rules and no loops.

Child Abuse Protection

Registered Family Member	Children	System	Institution in Charge

Start

Register the children → **Monitorig motion**

Create fences → **Monitoring children location**

Entered/Exited the fence?

Get notification

Children in danger?

Get alert ← **Record voice message** ← | **Get alert**

End

Phase
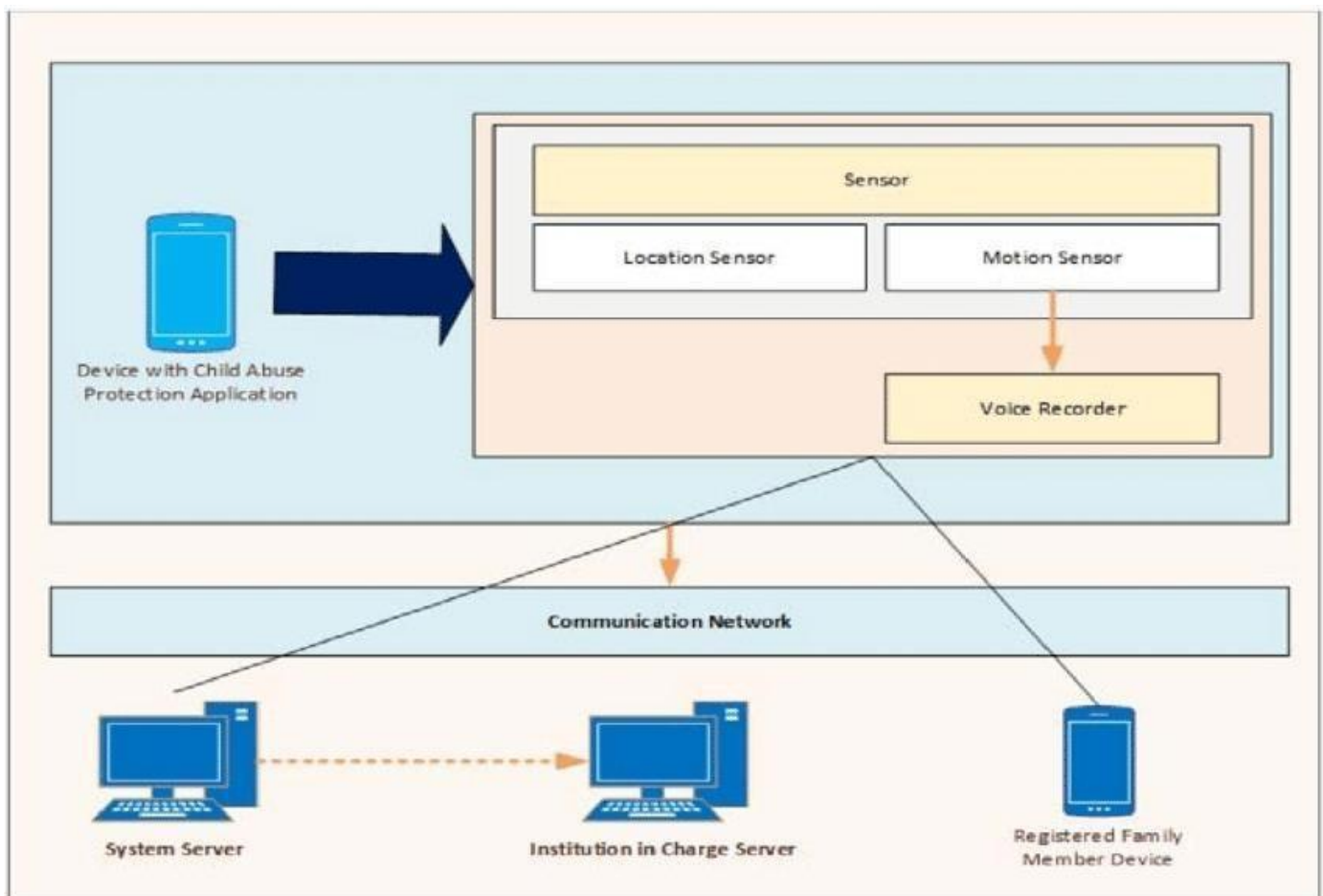
User Stories

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		Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password		High	Sprint-1
Customer Care Executive	Login		Once I get to operate the device, I work with it and get to know about the device and use it. Also, errors will be checked, if any it will be rectified and monitor the operation and check the authentication	Login with the provided user credentials.	Medium	Sprint-3
Administrator	Login		Maintaining and making sure the database containing the locations are secure and accurate and updated constant.	I can login only with my provided credentials	High	Sprint-3