Project Design Phase-II Data Flow Diagram & User Stories

Date	14 October 2022
Team ID	PNT2022TMID40778
Project Name	Project – IOT BASED SAFETY GADGET FOR CHILD SAFETY AND NOTIFICATION SYSTEM
Maximum Marks	4 Marks

User Stories :

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user) and (Web user)	Registration	USN-1	As a user, I can register my account 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 myself	I can receive confirmation email & click confirm	High	Sprint-1
		USN-3	As a user, I can register for the application through apple account	I can register & access the dashboard with apple account Login	High	Sprint-2
	Login	USN-4	As a user, I can log into the application by entering user id & password		High	Sprint-1
Customer Care Executive	Login		As I enter I can view the working of the application and scan for any glitches and monitor the operation and check if all the users are authorized.	I can login only with my provided credentials	Medium	Sprint - 3

Administrator	Login		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

DATA FLOW DIAGRAM

Current location with a warning

Position with respect to the geofence

Check with geofence , if out of the range alert

USER

Login credentials

Safety status

Update geofence

Open their account

History

Display the location of the child with timestamps

Recent location

Location of their child

Input the safety range

Enable the user to enter the new geofence locations

current location

safety distance range

Geofence of the child

Compute the safety range based on the recently updated geofence