Project Planning Phase

Date	18 NOVEMBER 2022
Team ID	PNT2022TMID16119
Project Name	Project - IOT-Based Safety Gadget for Child Safety Monitoring and Notification

Sprint Schedule, and Estimation

Use the below template to create sprint schedule

Sprint	Functional Requirement (Epic)	User Story / Task	Priority	Team Members
Sprint-1	Registration	As a user, I can register for the application by entering my email, password, and confirming my password.	High	PAVITHRA K
Sprint-1	Confirmation Email	As a user, I will receive confirmation email and SMS once I have registered for the application	High	PRATHIBA N NIKITHAA K M
Sprint-2	Authentication	As a user, I can register for the application through Email ID and Mobile App.	Low	PAVITHRA K
Sprint-1	Login	As a user, I can log into the application by entering email & password.	Medium	RITHIKA R
Sprint-1	Dashboard	As a user, I can monitor, measure, analyze relevant data in key areas.	High	KEERTHANA P
Sprint-2	Notification	As a user, I should be able to receive notification when the child is in emergency situations.	High	NIKITHAA K M
Sprint-2	Store data	As a user, I need to store the location data and child information into the database.	High	PRATHIBA N
Sprint-2	Communication	The child and the parent should be able to communicate.	Medium	RITHIKA R KEERTHANA P

Sprint	Functional Requirement (Epic)	User Story / Task	Priority	Team Members
Sprint-3	IoT Device	We automatically monitor the child in real time using Internet of Things, with the help of GPS, GSM, and Raspberry Pi.	Medium	NIKITHAA K M PRATHIBA N
Sprint-3	Node RED	The data stored in IBM Cloud should be integrated properly.	High	KEERTHANA P PAVITHRA K
Sprint-4	User Interface	The point of human-computer interaction and communication in a device.	Medium	RITHIKA R NIKITHAA K M
Sprint-4	Geofencing	Based on the geographical coordinates, the geofence of the child can be done.	High	PAVITHRA K PRATHIBA N KEERTHANA P

Project Tracker:

Sprint	Duration	Sprint Start Date	Sprint End Date (Planned)	Sprint Release Date (Actual)
Sprint-1	6 Days	26 OCT 2022	31 OCT 2022	18 NOV 2022
Sprint-2	6 Days	29 OCT 2022	04 Nov 2022	18 NOV 2022
Sprint-3	6 Days	05 Nov 2022	10 Nov 2022	18 NOV 2022
Sprint-4	6 Days	12 Nov 2022	18 Nov 2022	18 NOV 2022