Project Planning Phase
Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

Date	25 October 2022
Team ID	PNT2022TMID09639
Project Name	Project - IOT-Based Safety Gadget for Child Safety Monitoring and Notification
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	4	High	LOGHAPRIYA, AISHWARYA
Sprint-1	Confirmation Email	USN-2	As a user, I will receive confirmation email and SMS once I have registered for the application	3	High	DEEPAHARSINI
Sprint-2	Authentication	USN-3	As a user, I can register for the application through Email ID and Mobile App.	2	Low	DEEPAK
Sprint-1	Login	USN-4	As a user, I can log into the application by entering email & password.	2	Medium	AISHWARYA
Sprint-1	Dashboard	USN-5	As a user, I can monitor, measure, analyze relevant data in key areas.	8	High	LOGHAPRIYA
Sprint-2	Notification	USN-1	As a user, I should be able to receive notification when the child is in emergency situations.	9	High	DEEPAHARSHINI
Sprint-2	Store data	USN-2	As a user, I need to store the location data and child information into the database.	10	High	DEEPAK
Sprint-2	Communication	USN-3,1	The child and the parent should be able to communicate.	7	Medium	AISHWARYA, DEEPAHARSHINI

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	IoT Device	USN-1,4	We automatically monitor the child in real time using Internet of Things, with the help of GPS, GSM, and Raspberry Pi.	6	Medium	LOGHAPRIYA, DEEPAK
Sprint-3	Node RED	USN-5,2	The data stored in IBM Cloud should be integrated properly.	8	High	AISHWARYA, DEEPAHARSHINI, LOGHAPRIYA
Sprint-4	User Interface	USN-1,4	The point of human-computer interaction and communication in a device.	7	Medium	DEEPAHARSHINI, DEEPAK
Sprint-4	Geofencing	USN-2,3,5	Based on the geographical coordinates, the geofence of the child can be done.	8	High	AISHWARYA, DEEPAHARSHINI, LOGHAPRIYA

Project Tracker, Velocity & Burndown Chart: (4 Marks)

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022		
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022		