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

Date	16 November 2022
Team ID	PNT2022TMID37595
Project Name	Project – IOT-Based Safety Gadget for Child Safety Monitoring and Notification
Maximum Marks	

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

Use the below template to create a 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, and password, and confirming my password.	4	High	ARAVINDAN
Sprint-1	Confirmation Email	USN-2	As a user, I will receive a confirmation email once I have registered for the application	4	High	PREM KUMAR
Sprint-1	Authentication	USN-3	As a user, I can register for the application through Gmail and mobile app.	4	Medium	RAJKUMAR
Sprint-1	Login	USN-4	As a user, I can log into the application by entering email & password	4	High	USMAN
Sprint-1	Dashboard	USN-5	As a user, I need to be able to view the functions that I can perform	4	High	USMAN
Sprint-2	Notification	USN-1	As a user, I should be able to notify my parent and guardian in emergency situations	10	High	ARAVINDAN
Sprint-2	Store data	USN-2	As a user, I need to continuously store my location data into the database.	10	Medium	PREM KUMAR
Sprint-3	Communication	USN-3,1	I should be able to communicate with my parents	6	Low	ARAVINDAN, USMAN

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	IoT Device – Watson communication	USN-1,4	The data from IoT device should reach IBM Cloud	7	Medium	ARAVINDAN,PREM KUMAR
Sprint-3	Node RED- Cloudant DB communication	USN-5,2	The data stored in IBM Cloud should be properly integrated with Cloudant DB	7	High	USMAN,RAJKUMAR
Sprint-4	User – WebUI interface	USN-1,4	The Web UI should get inputs from the user	6	High	PREM KUMAR,USMAN
Sprint-4	Geofencing	USN-2,3,5	The geofencing of the child should be done based on the geographical coordinates	7	High	ARAVINDAN, USMAN, PREM KUMAR