

Sprint Delivery Plan

Date	16-11-2022
Team ID	PNT2022TMID36635
Project Name	Project – IOT-Based Safety Gadget for Child Safety Monitoring and Notification
Maximum Marks	4 Marks

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

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	KUMMARI YASWANTH SAGAR GOWTHAM R, MOHAMED ILYAS M, MOHAMRAJ M, THATIPARTHI ROHITH
Sprint-1	Confirmation Email	USN-2	As a user, I will receive a confirmation email once I have registered for the application	4	High	KUMMARI YASWANTH SAGAR GOWTHAM R, MOHAMED ILYAS M, MOHAMRAJ M, THATIPARTHI ROHITH
Sprint-1	Authentication	USN-3	As a user, I can register for the application through Gmail and mobile app.	4	Medium	KUMMARI YASWANTH SAGAR GOWTHAM R, MOHAMED ILYAS M, MOHAMRAJ M, THATIPARTHI ROHITH
Sprint-1	Login	USN-4	As a user, I can log into the application by entering email & password	4	High	KUMMARI YASWANTH SAGAR GOWTHAM R, MOHAMED ILYAS M, MOHAMRAJ M, THATIPARTHI ROHITH
Sprint-1	Dashboard	USN-1	As a user, I need to be able to view the functions that I can perform	4	High	KUMMARI YASWANTH SAGAR GOWTHAM R, MOHAMED ILYAS M, MOHAMRAJ M, THATIPARTHI ROHITH
Sprint-2	Notification	USN-1	As a user, I should be able to notify my parent and guardian in emergency situations	10	High	KUMMARI YASWANTH SAGAR GOWTHAM R, MOHAMED ILYAS M, MOHAMRAJ M, THATIPARTHI ROHITH

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Store data	USN-2	As a user, I need to continuously store my location data into the database.	10	Medium	KUMMARI YASWANTH SAGAR GOWTHAM R, MOHAMED ILYAS M, MOHAMRAJ M, THATIPARTHI ROHITH
Sprint-3	Communication	USN-3,1	I should be able to communicate with my parents	6	Low	KUMMARI YASWANTH SAGAR GOWTHAM R, MOHAMED ILYAS M, MOHAMRAJ M, THATIPARTHI ROHITH
Sprint-3	IoT Device – Watson communication	USN-1,4	The data from IoT device should reach IBM Cloud	7	Medium	KUMMARI YASWANTH SAGAR GOWTHAM R, MOHAMED ILYAS M, MOHAMRAJ M, THATIPARTHI ROHITH
Sprint-3	Node RED- Cloudant DB communication	USN-1,2	The data stored in IBM Cloud should be properly integrated with Cloudant DB	7	High	KUMMARI YASWANTH SAGAR GOWTHAM R, MOHAMED ILYAS M, MOHAMRAJ M, THATIPARTHI ROHITH
Sprint-4	User – Web UI interface	USN-1,4	The Web UI should get inputs from the user	6	High	KUMMARI YASWANTH SAGAR GOWTHAM R, MOHAMED ILYAS M, MOHAMRAJ M, THATIPARTHI ROHITH
Sprint-4	Geofencing	USN-2,3,1	The geofencing of the child should be done based on the geographical coordinates	7	High	KUMMARI YASWANTH SAGAR GOWTHAM R, MOHAMED ILYAS M, MOHAMRAJ M, THATIPARTHI ROHITH

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	15 Oct 2022	21 Oct 2022	20	21 Oct 2022
Sprint-2	20	6 Days	26 Oct 2022	31 Oct 2022	20	31 Oct 2022
Sprint-3	20	6 Days	02 Nov 2022	08 Nov 2022	20	08 Nov 2022
Sprint-4	20	6 Days	10 Nov 2022	16 Nov 2022	20	16 Nov 2022