Sprint Delivery Plan

Date	16-11-2022
Team ID	PNT2022TMID36623
Team Members	Team lead: BANDLA VENU MADHAV Member2: KUMAR.A Member3: BALU SUNDAR T.S Member4: SARAVANAN.V
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	VENU MADHAV.B, KUMAR A, BALU SUNDAR T.S, SARAVANAN V
Sprint-1	Confirmation Email	USN-2	As a user, I will receive a confirmation email once I have registered for the application	4	High	VENU MADHAV.B, KUMAR A, BALU SUNDAR T.S, SARAVANAN V
Sprint-1	Authentication	USN-3	As a user, I can register for the application through Gmail and mobile app.	4	Medium	VENU MADHAV.B, KUMAR A, BALU SUNDAR T.S, SARAVANAN V
Sprint-1	Login	USN-4	As a user, I can log into the application by entering email & password	4	High	VENU MADHAV.B, KUMAR A, BALU SUNDAR T.S, SARAVANAN V
Sprint-1	Dashboard	USN-1	As a user, I need to be able to view the functions that I can perform	4	High	VENU MADHAV.B, KUMAR A, BALU SUNDAR T.S, SARAVANAN V
Sprint-2	Notification	USN-1	As a user, I should be able to notify my parent and guardian in emergency situations	10	High	VENU MADHAV.B, KUMAR A, BALU SUNDAR T.S, SARAVANAN V

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	VENU MADHAV.B, KUMAR A, BALU SUNDAR T.S, SARAVANAN V
Sprint-3	Communication	USN-3,1	I should be able to communicate with my parents	6	Low	VENU MADHAV.B, KUMAR A, BALU SUNDAR T.S, SARAVANAN V
Sprint-3	IoT Device – Watson communication	USN-1,4	The data from IoT device should reach IBM Cloud	7	Medium	VENU MADHAV.B, KUMAR A, BALU SUNDAR T.S, SARAVANAN V
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	VENU MADHAV.B, KUMAR A, BALU SUNDAR T.S, SARAVANAN V
Sprint-4	User – Web UI interface	USN-1,4	The Web UI should get inputs from the user	6	High	VENU MADHAV.B, KUMAR A, BALU SUNDAR T.S, SARAVANAN V
Sprint-4	Geofencing	USN-2,3,1	The geofencing of the child should be done based on the geographical coordinates	7	High	VENU MADHAV.B, KUMAR A, BALU SUNDAR T.S, SARAVANAN V

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	11 Nov 2022	17 Nov 2022	20	16 Nov 2022