

Project Planning Phase

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

Date	28 October 2022
Team ID	PNT2022TMID52857
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 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	SAMUTHIRIKA S, SOORYA S
Sprint-1	Confirmation Email	USN-2	As a user, I will receive a confirmation email once I have registered for the application	3	Medium	SHAFAHATH S, SOORYA R
Sprint-1	Authentication	USN-1	As a user, I can register for the application through Gmail and mobile app.	3	Medium	TAMILARASAN M
Sprint-1	Login	USN-2	As a user, I can log into the application by entering email & password	3	Medium	SOORYA R, SHAFAHATH S
Sprint-1	Dashboard	USN-1	As a user, I need to be able to view the functions that I can perform	4	High	SHAFAHATH S, SOORYA R
Sprint 1	Dashboard	USN-2	As a developer, The developed dashboard should be user friendly and must be easily accessible	3	Medium	SAMUTHIRIKA S, TAMILARASAN M
Sprint-2	Notification	USN-1	As a user, I should be able to notify my parent and guardian in emergency situations	7	High	SAMUTHIRIKA S
Sprint-2	Interfacing Modules	USN-3	As a developer, I used GPS NEO 6m to fetch the co-ordinates and interface it with the cloud	7	High	SOORYA R, TAMILRASAN M
Sprint-2	Update and store data	USN-1	As a developer, I need to continuously store my location data into the database fetched from GPS module.	6	Medium	SHAFAHATH S, SOORYA R

Sprint-3	Communication	USN-3	I should be able to communicate with my Parents at times of emergency	7	High	SAMUTHIRIKA S, TAMILARASAN M
Sprint-3	IoT Device – Watson communication	USN-2	The data from IoT device should reach IBM Cloud	6	Medium	SOORYA R, TAMILARASAN M
Sprint-3	Node RED- Cloudant DB communication	USN-1	The data stored in IBM Cloud should be properly integrated with Cloudant DB	7	Medium	SHAFAHATH S, TAMILARASAN M
Sprint-4	User – WebUI Interface	USN-2	As a developer,I should analyze the data from cloud for better performance	10	High	SOORYA R
Sprint -4	User-WebUI interface	USN -3	As a developer,I should provide battery package for the device.	10	Medium	SAMUTHIRIKA S,SHAFAHATH S

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	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022