

Project Planning Phase

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

Date	21 October 2022
Team ID	PNT2022TMID49507
Project Name	Project –IOT Based Safety Gadgets 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	Analyzing the child is Missing	USN-1	The parents who wants to safeguard their child when they are in out and they want monitor their child.	2	High	Anandhi. S, Dharani. P Karthika. S Sri raja Rajeshwar. S
Sprint-1	To prevent the child from the distress situation	USN-2	Sensors will sense the child in distress situation and the sensors will analyze the problem of the child.	2	High	Anandhi. S, Dharani. P Karthika. S Sri raja Rajeshwari. S
Sprint-2	GEO-Fencing boundary is setup to safe guard the child	USN-3	GPS tracker will track the child location when the child is out of GEO-Fencing boundary	2	Medium	Anandhi. S, Dharani. P Karthika. S Sri raja Rajeshwari. S
Sprint-2	To detect the child situation	USN-4	When child is out of geo-fencing then immediately the pie-camera will turn on and capture the image.	2	High	Anandhi. S Dharani. P Karthika. S Sri raja Rajeshwari .S

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Using the GSM Module to track the location	USN-5	GSM module is used to track the location after the child crosses the GEO-Fencing boundary.	2	High	Anandhi. S Dharani. P Karthika. S Sri raja Rajeshwari. S
Sprint-4	Notification is sent	USN-6	Alert message is sent to parents mobile via SMS and the child location is also being sent through mobile application.	2	High	Anandhi. S Dharani. P Karthika. S Sri raja Rajeshwari. 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