

Project Planning Phase

Project Planning Template (Product Backlog, Sprint Planning, Stories, Storypoints)

Date	24 October 2022
Team ID	PNT2022TMID03213
Project Name	IoT based safety gadget for child safety monitoring and notifications.
Maximum Marks	8 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	Set-up	USN-1	As a user, i set up the environment to get started to track the respective child	2	High	Udhayanan.C
Sprint-1	Registration	USN-2	As a user, I register by giving the details in order to effectively use the service	2	High	Valarmathi.E
Sprint-2	Dashboard	USN-3	As a user, I access the dashboard and set up a geofence	3	Medium	Uma.M

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Dashboard	USN-4	As a user, I give the necessary contact information for the alert system to work.	2	High	Trisha.S
Sprint-3	Dashboard	USN-5	As a user, I set the time between which the alert system should be active	2	High	Sindhu Priya.M
Sprint -4	Child Monitoring	USN 1	Active live monitoring of the child in accordance to the geofence set	2	High	Valarmathi.E
Sprint- 4	Event Notification	USN 6	Sending an alert to the parent/guardian	2	High	Udhayan.C

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	4	6 Days	24 Oct 2022	29 Oct 2022	4	29 Oct 2022

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-2	3	6 Days	31 Oct 2022	05 Nov 2022	3	05 Nov 2022
Sprint-3	4	6 Days	07 Nov 2022	12 Nov 2022	4	12 Nov 2022
Sprint-4	4	6 Days	14 Nov 2022	19 Nov 2022	4	19 Nov 2022

Velocity:

Team's average velocity (AV) per iteration unit (story points per day):

$$AV = 6/4 = 1.5$$