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

Date	22 October 2022
Team ID	PNT2022TMID19355
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)

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Gadget Registration	USN-1	As a user, I can register for the child safety by entering my email, password, and confirming my password.	2	High	2
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the device.	1	High	1
Sprint-2		USN-3	As a user, I can register for the taking care of child tracking location.	2	Low	2
Sprint-1		USN-4	As a device, we can track them and share the notification the user.	2	Medium	2
Sprint-1	Login By user	USN-5	As a user, I can log into the application by entering email & password. And they can track the child if the child is missing through the device.	1	High	1
	Dashboard		The user can get lots of notification options,GPS tracker,alarm in case of emergency.	3	High	3

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	19	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

Velocity:

$$AV = \frac{\text{Sprint Duration}}{\text{Velocity}} = \frac{20}{10} = 2$$