Project Planning Phase
Project Planning

Date	10 November 2022
Team ID	PNT2022TMID52173
Project Name	IoT based safety gadget for child 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	Connection	USN-1	Establish connection between the safety gadget and the device.	2	High	Premkumar Paneer selvam Jijo Aswin
Sprint-2	User Confirmation	USN-2	Confirmation via Email confirmation via OTP.	2	High	Premkumar Paneer selvam Jijo Aswin
Sprint-3	Setting geo-fence	USN-3	User have to choose the Geo-fence according to their needs.	2	High	Premkumar Paneer selvam Jijo Aswin
Sprint-4	Notification	USN-4	Alert notification will pop-up.	2	High	Premkumar Paneer selvam Jijo Aswin

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	1 Day	11 Nov 2022	11 Nov 2022	12 Nov 2022	11 Nov 2022
Sprint-2	20	2 Days	12 Nov 2022	13 Nov 2022	14 Nov 2022	13 Nov 2022
Sprint-3	20	2 Days	14 Nov 2022	15 Nov 2022	16 Nov 2022	15 Nov 2022
Sprint-4	20	2 Days	16 Nov 2022	18 Nov 2022	18 Nov 2022	18 Nov 2022

Velocity:
Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

Average Velocity=20/10 = 2