Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID30936
Project Name	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 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 Parent/Guardian,I can register for the application by entering my email, password, and confirming my password.	2	High	VASANTHAKUMAR S
Sprint-2		USN-2	As a Parent/ Guardian, I can register for the application through Gmail	1	High	SOUNDARRAJ S
Sprint-3	User Confirmation	USN-3	As a parent I will receive connection , location in sms / email once I have entered this application	1	High	VINOTHRAJ M
Sprint-4	Login	USN-4	As a parent/ guardian , I can log into the application by entering email and password.	2	High	VIVEK 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	20	4 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	5 Days	28 Oct 2022	05 Nov 2022	20	04 Nov 2022
Sprint-3	20	8 Days	02 Nov 2022	12 Nov 2022	20	11 Nov 2022
Sprint-4	20	9 Days	10 Nov 2022	19 Nov 2022	20	19 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)

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$