

## Project Planning Phase

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

Date	20 November 2022
Team ID	PNT2022TMID26821
Project Name	Project - 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	User login	USN- 1	As a Parent/Guardian,I can register for the application by entering my email, password, and confirming my password.	2	High	Aravind h . A
Sprint- 1	Registration	USN-2	As a Parent/ Guardian, I can register for the application through Gmail	2	High	Ajesh . M

Sprint- 1	User Confirmation	USN-3	As a parent I will receive connection , location in sms / mail once I have entered t his application	2	High	Abishek. M
Sprint- 1	Login	USN-4	As a parent/ guardian , I can log into the application by entering mail and password.	2	High	Ar unKum ar . C

**Project Tracker, Velocity & Burndown Chart: (4 Marks)**

<b>Sprint</b>	<b>Total Story Points</b>	<b>Duration</b>	<b>Sprint Start Date</b>	<b>Sprint End Date (Planned)</b>	<b>Story Points Completed (as on Planned End Date)</b>	<b>Sprint Release Date (Actual)</b>
Sprint- 1	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022
Sprint-2	20	5 Days	15 Nov 2022	19 Nov 2022	20	19 Nov 2022
Sprint-3	20	5 Days	15 Nov 2022	19 Nov 2022	20	19 Nov 2022
Sprint-4	20	5 Days	15 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)

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

