

## Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID50323
Project Name	Plasma Donor Application
Maximum Marks	8 Marks

### Project Tracker, Velocity & Burndown Chart:

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		
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022		

**Velocity:** Let's calculate the team's average velocity (AV) per iteration unit (story points per day).

$$AV = \text{Velocity} / \text{Sprint Duration}$$

$$= 30 / 6$$

$$\begin{aligned}
 &= 5 \\
 AV &= 50 / 6 \\
 &= 8.33 \\
 AV &= 30 / 6 = 5 \\
 AV &= 20 / 6 \\
 &= 3.33
 \end{aligned}$$

### Burndown Chart:

A burndown chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time

