Project Planning Phase
Project Planning Template (Sprint Delivery Plan)

Date	22 October 2022
Team ID	PNT2022TMID15338
Project Name	Plasma Donor Application
Maximum Marks	4 Marks

Sprint Delivery Plan: (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	6	6 Days	24 Oct 2022	29 Oct 2022	6	29 Oct 2022
Sprint-2	5	6 Days	31 Oct 2022	05 Nov 2022	5	05 Nov 2022
Sprint-3	11	6 Days	07 Nov 2022	12 Nov 2022	11	12 Nov 2022
Sprint-4	5	6 Days	14 Nov 2022	19 Nov 2022	5	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)

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

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)	Average Velocity (AV)
Sprint-1	6	6 Days	24 Oct 2022	29 Oct 2022	6	29 Oct 2022	4
Sprint-2	5	6 Days	31 Oct 2022	05 Nov 2022	5	05 Nov 2022	4.8
Sprint-3	11	6 Days	07 Nov 2022	12 Nov 2022	11	12 Nov 2022	2.182
Sprint-4	5	6 Days	14 Nov 2022	19 Nov 2022	5	19 Nov 2022	4.8

Total No of Days = 6+6+6+6 = 24 Days

Total Story Points = 6+5+11+5 = 27 Points

Average Velocity Per Sprint = 27/24 = 1.125

Burndown Chart:

A burn down 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.