Project Planning Phase

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

Date	10 November 2022
Team ID	PNT2022TMID24834
Project Name	Project – Plasma Donar Application
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 Page	USN-1	User can register for the application by entering my email, password, and confirming my password.	5	High	M K Aravindan, Seenu M, Deepak M, Sathish G.
Sprint-1		USN-2	User will receive confirmation email once I have registered for the application	1	High	M K Aravindan, Seenu M, Deepak M, Sathish G.
Sprint-1		USN-3	User can register for the application through Gmail	2	Low	M K Aravindan, Seenu M, Deepak M, Sathish G.
Sprint-1	Login	USN-4	User can log into the application by entering email & password	5	Medium	M K Aravindan, Seenu M, Deepak M, Sathish G.
Sprint-1	Dashboard	USN-5	User can send the proper requests to donate and obtain plasma.	7	High	M K Aravindan, Seenu M, Deepak M, Sathish G.

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Login	USN-6	User can register and log into the application by entering email & password to view the profile	10	High	M K Aravindan, Seenu M, Deepak M, Sathish G.
Sprint-2	Dashboard	USN-7	User can send the proper requests to donate and obtain plasma.	`10	Medium	M K Aravindan, Seenu M, Deepak M, Sathish G.
Sprint-3	Application	USN-8	A customer care executive,I can try to address user's concerns and questions	20	High	M K Aravindan, Seenu M, Deepak M, Sathish G.
Sprint-4	Application	USN-9	Administrator can help with user-facing aspects of a website, like its appearance, navigation and use of media.	10	High	M K Aravindan, Seenu M, Deepak M, Sathish G.
Sprint-4		USN-10	Administrator can involve working with the technical side of websites.	10	Low	M K Aravindan, Seenu M, Deepak M, Sathish G.

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	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 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)

Sprint duration = 6 days Velocity of the team = 20 points

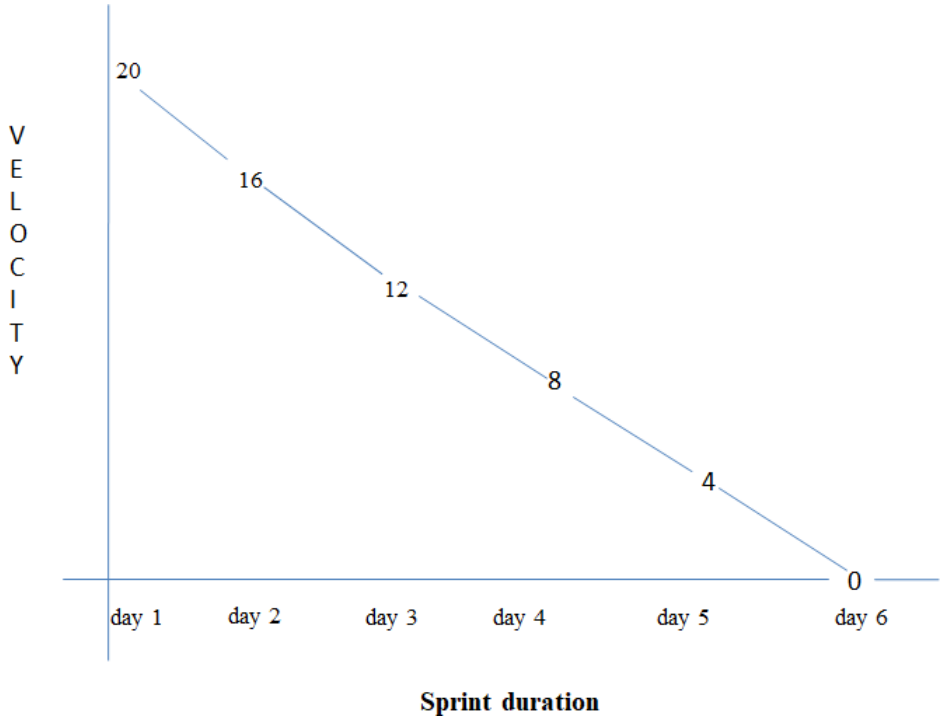
$$\text{Average velocity (AV)} = \frac{\text{Velocity}}{\text{Sprint duration}}$$

$$AV = 20/6 = 3.34$$

Average Velocity = 3.34

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.


VELOCITY
20
16
12
8
4
0
day 1
day 2
day 3
day 4
day 5
day 6
Sprint duration