

Project Planning Phase

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

Date	22-October-2022
Team Id	PNT2022TMID50023
Project Name	Plasma Donor 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	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	1	High	4
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	4
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	4
Sprint-1		USN-4	As a user, I can register for the application through Gmail	1	Medium	4
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	4
Sprint-3	Dashboard	USN-6	As a user, I can find the compatible donor by registering.	3	High	4
Sprint-3		USN-7	As a user, I can find the donor availability by logging in	3	High	4
Sprint-2		USN-8	As a user, I can create a profile by registering.	2	Medium	4
Sprint-3		USN-9	As a user, I can see the demand of plasma.	3	Medium	4
Sprint-4	Database	USN-10	As a user, I can store the availability and need of plasma information value.	4	High	4

Project Tracker, Velocity &Burndown Chart (4Marks)

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	9	6 Days	23 Oct 2022	28 Oct 2022	9	28 Oct 2022
Sprint-2	10	8 Days	29 Oct 2022	05 Nov 2022	10	05 Nov 2022
Sprint-3	8	6 Days	05 Nov 2022	11 Nov 2022	8	11 Nov 2022
Sprint-4	9	7 Days	12 Nov 2022	19 Nov 2022	9	19 Nov 2022

Velocity:

- 1) $AV = \text{Sprint Duration} / \text{Velocity} = 9 / 6 = 1.5$
- 2) $AV = \text{Sprint Duration} / \text{Velocity} = 10 / 8 = 1.25$
- 3) $AV = \text{Sprint Duration} / \text{Velocity} = 8 / 6 = 1.33$
- 4) $AV = \text{Sprint Duration} / \text{Velocity} = 9 / 7 = 1.28$

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.

