

Project Planning Phase

Project Planning Template (Product Backlog, Sprint Planning, Stories, Storypoints)

Date	18October 2022
Team ID	PNT2022TMID48261
Project Name	Project – Plasma donor application
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

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 the details.	8	High	A.Anusudha K.Jeeva
Sprint-1	Login	USN-2	As a user, I can login for the application by entering my email, password, and confirming my password.	7	High	K.Kaviya M.Sopitha
Sprint-1	Email	USN-3	As a user ,I can receive mail for registered for the application.	5	Low	A.Anusudha K.Jeeva
Sprint-2	Notification	USN-4	As,a user I can receive the notification when the donor is ready to donate plasma.	5	Medium	K.Kaviya M.Sopitha
Sprint-2	Dashboard	USN-5	As a user and admin,can view,request plasma and donate plasma.	15	High	A.Anusudha K.Jeeva
Sprint-3	Donor details	USN-6	As a donor ,I can enter the details to donate the plasma.	10	High	K.Kaviya M.Sopitha
Sprint-3	Request plasma	USN-7	As a user ,I can request for the plasma.	10	High	A.Anusudha K.Jeeva
Sprint-4	Database	USN-8	Connect db-2 with the application.	10	High	K.Kaviya M.Sopitha
Sprint-4	End to end testing	USN-9	Implementing end to end testing	10	High	A.Anusudha K.Jeeva

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	11 Nov2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

Velocity:

we have a 6 days 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)

$$\begin{aligned} \text{AV} &= \text{sprint duration/velocity} = 6/20 \\ &= 3.33333 \end{aligned}$$

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.

Burndown Chart

