

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

Date	28-10-2022
Team ID	PNT2022TMID34946
Project name	Plasma Donor Application

Product Backlog, Sprint Schedule, and Estimation

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story points	Priority	Team Members
Sprint 1	Donor Registration	USN-1	As a donor, I can register to the web application by filling the required details.	10	High	Valgin, Mohamed Ashif Ali
Sprint 1	User Registration	USN-2	As a user, I can register to the web application by filling the required details.	10	High	Valgin, Mohamed Ashif Ali
Sprint 2	User login	USN-3	As a user, I can log into the application by entering email & password.	10	High	Valgin, Mohamed Ashif Ali
Sprint 2	Admin Login	USN-4	As a admin, I can able to login using the separate login credentials.	10	High	Aswin Raja, Arockia Jebin
Sprint 2	Verify the Request	USN-5	As a admin, I can able to verify the request send by the donor to become a verified donor	10	High	Aswin Raja, Arockia jebin
Sprint 3	User search for the donor	USN-6	As a user, I can able to search the particular plasma donor and can able access the contact details of the donor.	10	High	Valgin, Mohamed Ashif Ali

Sprint 3	Verified Donor	USN-7	As a donor, I can request for verified account by providing the required documents and details to the admin through the web application.	8	Medium	Aswin Raja, Arockia Jebin
Sprint 4	Update the profile	USN-8	As a donor, I can update my profile any time.	8	Medium	Aswin Raja, Arockia Jebin
Sprint 4	Feedback	USN-9	As a user, I can give the feedback to the Donor.	7	Low	Valgin, Mohamed Ashif Ali

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	8 days	29-10-2022	5-11-2022	20	5-11-2022
Sprint 2	30	8 days	7-11-2022	14-11-2022	30	14-11-2022
Sprint 3	18	8 days	16-11-2022	23-11-2022	18	23-11-2022
Sprint 4	15	8 days	23-11-2022	30-11-2022	15	30-11-2022

Velocity:

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

$$\begin{aligned}
 AV &= \text{Velocity} / \text{Sprint Duration} \\
 &= 20 / 8 \\
 &= 2.5
 \end{aligned}$$

$$AV = 30 / 8$$

$$= 3.75$$

$$AV = 18 / 8$$

$$= 2.25$$

$$AV = 15 / 8$$

$$= 1.87$$

Burndown Chart :

