Project Planning Phase

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

Team ID	PNT2022TMID31815
Project Title	Project - Plasma Donor Application

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 web app by entering my email, password, and confirming mypassword.	20	High	1.Mathan Raj A R 2.Austin S S 3.Vithya M 4. Arun S
Sprint-2	Login	USN-2	As a user, I can log into the application by entering email & password.	20	High	1.Mathan Raj A R 2.Austin S S 3.Vithya M 4. Arun S
Sprint-3	Donor Information	USN-3	Donors can update their personal information e.g.: blood group.	20	High	1.Mathan Raj A R 2.Austin S S 3.Vithya M 4. Arun S

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Finding the donor	USN-4	The patient can find the donor with their similar blood group	20	High	1.Mathan Raj A R 2.Austin S S 3.Vithya M 4. Arun S

Project Tracker, Velocity:

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)
Sprint-1	20	3 Days	24 Oct 2022	26 Oct 2022	20
Sprint-2	20	3 Days	27 Oct 2022	30 Oct 2022	20
Sprint-3	20	6 Days	31 Oct 2022	5 Nov 2022	20
Sprint-4	20	6 Days	06 Nov 2022	12 Nov 2022	20

Velocity:

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

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)