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

Date	18 October 2022
Team ID	PNT2022TMID02723
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 my email, password, and confirming my password.	2	High	Hari Prasath, Kamalika
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Dhivyadharshini, Devadharshika
Sprint-1	Login	USN-3	As a user, I can log into the application by entering email & password	2	High	Hari Prasath, Kamalika
Sprint- 2	Dashboard	USN-4	As a user, I can register as a donor and donate plasma	3	High	Hari Prasath, Kamalika
Sprint- 2		USN-5	As a user, I can request plasma	2	High	Dhivyadharshini, Devadharshika
Sprint- 4		USN-6	As a user I can view the stats page which shows the count of donors, plasma available etc.,	2	Medium	Hari Prasath, Kamalika
Sprint- 3		USN-7	As a donor , I can accept or reject the request	2	High	Hari Prasath
Sprint - 4	Chatbot	USN-8	As a user, I can get answers to my queries using the chatbot	2	Medium	Hari Prasath
Sprint-3	Notification	USN-9	As a donor, I will get notification via email upon a request	1	High	Dhivyadharshini
Sprint-3		USN-10	As a recepient, I will get notification once my request is accepted	1	High	Kamalika

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)

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

Burndown Chart: