Project Planning Phase
Project Planning (Product Backlog, Sprint Planning, Stories, Story points)
Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Date	23 October 2022
Team ID	PNT2022TMID01682
Project Name	Project – Plasma Donor Application
Maximum Marks	8 Marks

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration	USN-1	As a donor, I can register for the application by entering my email /Phone number, password, and confirming my password.	4	High	Ajay Koushik KN (Leader)
Sprint-1	Login	USN-2	Registered donor can log into the application by entering donor email & password	3	High	Pravin M (Member 3)

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Verification	USN-3	As a donor, I can enter my details to check the donor eligibility criteria,	10	Medium	Naveen Prasanth M (Member 2)
Sprint-3	Dashboard	USN-4	User can provide their personal details and location	7	Low	Nitharshan DJ (Member 1)
Sprint-4	Acceptance	USN-5	User can accept their willingness to donate plasma	10	Medium	Ajay Koushik KN (Leader)

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration	USN-1	As a receiver, I can register for the application by entering my email /Phone number, password, and confirming my password	4	High	Pravin M (Member 3)
Sprint-1	Login	USN-2	Registered receiver can log into the application by entering receiver email & password	3	High	Naveen Prasanth M (Member 2)
Sprint-2	Verification	USN-3	As a receiver, I can enter my details to check the receiver eligibility criteria	10	Medium	Nitharshan DJ (Member 1)

Sprint-3	Dashboard	USN-4	User can search the list of available donor	7	Low	Ajay Koushik KN (Leader)
Sprint-4	Access	USN-5	User can access the available donors list ,then they can choose the donor who is nearby to receiver	10	Medium	Pravin M (Member 3)
Sprint-1	Registration	USN-1	Third Party user can register for the application by entering my email /Phone number, password, and confirming my password.	3	High	Naveen Prasanth M (Member 2)
Sprint-1	Login	USN-2	Registered user can log into the application by entering user email & password	3	High	Nitharshan DJ (Member 1)
Sprint-3	Query System	USN-3	User can ask their queries via Chabot which is available 24/7 to sort user issues	6	Medium	Ajay Koushik KN (Leader)

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		
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	20	6 Days	14 Nov 2022	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)

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