PROJECT DESIGN PHASE - 1
PROJECT PLANNING PHASE

Date	29 October 2022
Team ID	PNT2022TMID17803
Project Name	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	UI Development for Login Page, Registration and landing pages.	10	High	Abhirami S S, Kishore Kumar K
Sprint-1	Database connectivity	USN-2	Managing Donor and receiver registration and information gathering and distribution.	10	High	Abhirami S S, Kishore Kumar K
Sprint-2	SendGrid integration	USN-3	Python and SendGrid integration for mail confirmations.	10	Low	Kishore Kumar K, Dinesh Kumar C
Sprint-3	Containerization	USN-4	Integrating interactive elements to the HTML page and containerizing the app.	10	Medium	Charu Nethra S, Dinesh Kumar C
Sprint-4	Feedback	USN-5	Building ChatBot to gather feedback on the application	10	Medium	Abhirami S S, Charu Nethra s

Project Tracker, Velocity: (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:

We have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Therefore calculating the team's average velocity (AV) per iteration unit (story points per day)

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