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

Team ID	PNT2022TMID21590
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	Develop Flask Webpage	USN -1	A Flask web application should be developed.	4	High	Madhusudhanan CB
	Registration	USN-2	As a user, I can register for the application by entering my email, password, and confirming my password.	8	High	Prasanna S
	Login	USN-3	As a user, I can log into the application by entering email & password,	8	High	Raagavan JS
Sprint - 2	Register for Plasma Donation	USN-4	As a donor, I have to register to intimate the Users that I am interested in Donating the Plasma.	10	High	Ashok Kumar S S
	Request for Plasma	USN-5	As a recipient, I have to request the plasma from the donors.	10	High	Ashok Kumar S S, Prasanna S

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint – 3	Awareness	USN-6	As a public, I have to get aware about plasma donation.	10	Low	Raagavan J S, Madhusudhanan C B
	Database	USN-7	The user data has to be store and needs tomaintained in the database.	10	High	Ashok Kumar S S, Madhusudhanan C B
Sprint – 4	Send Notification	USN-9	As a donor, User have to be notified for donation of the Plasma when it is in need.	12	High	Ashok Kumar S S, Raagavan J S
	Software Testing	USN-10	As a user, I want to access the applicationwithout any bugs and drawbacks.	8	High	Prasanna S, Raagavan J S, Madhusudhanan C B

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

Sprint velocity

Sprint 1 = 20/6 = 3.66

Sprint 2 = 20/6 = 3.66

Sprint 3 = 20/6 = 3.66

Sprint 4 = 20/6 = 3.66

Burndown chart