

# SPRINT DELIVERY PLAN

Team ID	PNT2022TMID35253
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	A user can register for the application by entering their email, password, and confirming the password.	3	High	Anusree V Hema shirisha N Niruthiya shri P Seshathilak G
Sprint-1	Email verification	USN-2	A user will receive confirmation email once they have registered for the application.	3	High	Anusree V Hema shirisha N Niruthiya shri P Seshathilak G
Sprint-1		USN-3	A user can register for the application through Google	3	Medium	Anusree V Hema shirisha N Niruthiya shri P Seshathilak G
Sprint-1	Login	USN-4	A user can log into the application by entering	3	High	Anusree V Hema shirisha N

			email & password			Niruthiya shri P Seshathilak G
Sprint-1	Donor Profile	USN-5	A user is able to register themselves as verified plasma donor.	3	High	Anusree V Hema shirisha N Niruthiya shri P Seshathilak G

Sprint-2	Virtual Certificate	USN-6	A user will get a virtual donor certificate after a verified successful plasma donation.	2	Medium	Anusree V Hema shirisha N Niruthiya shri P Seshathilak G
Sprint-2	Plasma Request	USN-7	A verified clinic is able to make a plasma request in the application	3	High	Anusree V Hema shirisha N Niruthiya shri P Seshathilak G
Sprint-2	Verification of Donor's details	USN-8	We the administrators will verify the details provided by the donors so only the genuine donors are able to use the application	2	Medium	Anusree V Hema shirisha N Niruthiya shri P Seshathilak G
Sprint-3	Accept the donation request	USN-9	A user and a registered donor will get a notification to accept the plasma request for their specific blood type.	4	High	Anusree V Hema shirisha N Niruthiya shri P Seshathilak G

Sprint-3	Communication Channel	USN-10	A patient is able to communicate with the donor personally within the application.	3	Medium	Anusree V Hema shirisha N Niruthiya shri P Seshathilak G
Sprint-3		USN-11	A user and a registered donor is able to share their location with the recipient after accepting their plasma request.	3	Medium	Anusree V Hema shirisha N Niruthiya shri P Seshathilak G
Sprint-3	Administrator	USN-12	An admin will store the registered donor's details after verification into the database.	4	High	Anusree V Hema shirisha N Niruthiya shri P Seshathilak G

Sprint-4	Support	USN-13	A user is able to ask basic question related to plasma donation with the help of chat-bot.s	3	Medium	Anusree V Hema shirisha N Niruthiya shri P Seshathilak G
Sprint-4		USN-14	A user can find the answers for the frequently asked question about the plasma donation in the FAQ section	3	High	Anusree V Hema shirisha N Niruthiya shri P Seshathilak G

Sprint-4	About	USN-15	A new user can read about plasma and plasma donation in dedicated about section.	3	Medium	Anusree V Hema shirisha N Niruthiya shri P Seshathilak G
Sprint-4	Administrator	USN-16	An admin will approve all the plasma transaction in the application after proper verification	3	High	Anusree V Hema shirisha N Niruthiya shri P Seshathilak G
Sprint-4		USN-17	An admin, I will update the plasma availability and donors count periodically	3	Medium	Anusree V Hema shirisha N Niruthiya shri P Seshathilak G

### Project Tracker, Velocity & Burndown Chart: (4 Marks)

Sprint	Total story points	Duration	Sprint start date	Sprint end date (Planned)	Story points completed (as planned end date)	Sprint release date(Actual)
Sprint - 1	20	6 Days	24 Oct 2022	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		

#### AVERAGE VELOCITY:

$$AV = \text{Sprint duration} / \text{velocity} = 20 / 6 = 3.33$$

Sprint	Total story points	Duration	Sprint start date	Sprint end date (Planned)	Story points completed (as planned end date)	Sprint release date(Actual)	Average velocity
Sprint - 1	20	6 Days	24 Oct 2022	29 Oct 2022			3.33
Sprint - 2	20	6 Days	31 Oct 2022	05 Nov 2022			3.33
Sprint - 3	20	6 Days	07 Nov 2022	12 Nov 2022			3.33
Sprint - 4	20	6 Days	14 Nov 2022	19 Nov 2022			3.33

BURNDOWN CHART:

