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

Date	19 October 2022
Team ID	PNT2022TMID04437
Project Name	Project – Plasma Donor Application
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration	USN-1	As a user, I will be able to register to application for both donor and requester	2	High	Ponmathi Preethi Rishika
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application for both donor and requester	2	Medium	Nivanjitha Ponamathi Rishika
Sprint-1	Login	USN-3	As a user, I can log into the application by entering email & password for both donor and requester	1	Medium	Nivanjitha Ponamathi Preethi
Sprint-2	Dashboard	USN-4	As user, I can view the dashboard and search for donor or needer	2	High	Nivanjitha Ponmathi Preethi Rishika
Sprint-3	Request Plasma	USN-5	As a user, I will request Plasma from Plasma donor or I will request to donate the plasma to needer	2	High	Nivanjitha Ponmathi Preethi Rishika
Sprint-4	Updating	USN-6	As a admin, I can update plasma donor's donation information	2	Medium	Nivanjitha Ponamathi Preethi Rishika
Sprint-4	Notification	USN-7	As a user, I should get notified if donor accepts or rejects the request. If accepts contact with donor	2	Low	Nivanjitha Preethi Rishika

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:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

	A	B	C	D
1	day	Planned	Actual	
2	24-Oct	7	7	
3	25-Oct	6	7	
4	29-Oct	5	4	
5	5-Nov	4	3	
6	12-Nov	3	3	
7	17-Nov	2	2	
8	19-Nov	1	2	
9				
10				
11				
12				
13				
14				
15	Task=7			
16				

Burn Down Chart