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

Date	18 October 2022
Team ID	PNT2022TMID28003
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 requester, I can register for the application by entering my email, password, and confirming my password.	5	High	Anees Fathima
Sprint-1	Login	USN-2	Registered requester can log into the application by entering requester email & password	5	High	Krishandhini
Sprint-2	Dashboard	USN-3	User can search the list of available donors	10	Medium	Snehaa Sree
Sprint-4	Access	USN-4	User can access the available donors list, then they can choose the donor who is nearby to receiver	20	Medium	Hannah Princy
Sprint-1	Registration	USN-1	As a donor, I can register for the application by entering my email, password, and confirming my password.	5	High	Anees Fathima
Sprint-1	Login	USN-2	Registered donor can log into the application by entering donor email & password	5	High	Krishandhini
Sprint-2	Dashboard	USN-3	The donor can view the request for blood plasma from requesters	10	Medium	Snehaa Sree
Sprint-3	Query System	USN-4	Any user can ask their queries via Chabot which is available 24/7 to sort user issues	20	High	Hannah Princy

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)

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