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

Date	05 November 2022
Team ID	PNT2022TMID42563
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 can register as donor or recipient by entering my email, password, and confirming my password.	10	High	Ajay A
Sprint-4	Registration	USN-2	As a user, I will receive confirmation emailonce I have registered for the application	20	Medium	Akash Arasappan
Sprint-1	Donor's Login	USN-3	As a donor, I can login into the donor's page	5	High	Abishek s
Sprint-1	Recipient's Login	USN-4	As a recipient, I can login into recipient page	5	High	Ajay A
Sprint-2	Chat Bot	USN-5	For the customer convenience, There is a chat bot for the queries	20	Medium	Arun kumar S
Sprint-3	Administration	USN-6	As an administrator I can enumerate the user data and manage them	20	High	Arun kumar S

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	01 nNov 2022	20	01 Nov 2022
Sprint-2	20	6 Days	31 Oct 2022	10 Nov 2022	20	10 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	20 Nov 2022	20	20 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	24 Nov 2022	20	24 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)

$$AV = \frac{sprint\ duration}{velocity}$$

Therefore ,   Average velocity = 20 / 6 = 4

Burndown Chart