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

Date	18 October 2022
Team ID	PNT2022TMID25505
Project Name	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	App Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	7	High	Jeyaseelan R
Sprint-1	Login	USN-2	As a user,I can login using my credentials and it will direct to my dashboard	8	High	Jagadeesh G
Sprint-2	Register as donor	USN-3	As a user, I can donate plasma when request are made	9	Medium	Berlin Suderson N
Sprint-2	Register as recipient	USN-4	As a user,I can login using my credentials and it will direct to my dashboard	10	Medium	Sam Wesley N
Sprint-2	Request for plasma	USN-5	As a user, I can enter into the application and request for plasma.	5	High	Manoj Kumar R
Sprint 1	Dashboard	USN-6	As a user,I can login using my credentials and it will direct to my dashboard	9	High	Sam Wesley N
Sprint 3	Search for donor	USN-7	As a user I,can search the donors.	8	High	Jeyaseelan R
Sprint3	Query	USN-8	As a user had an any query about the using application	9	medium	Jagadeesh G
Spint 3	Admin login	USN-9	As a admin,have credentials using that they can login.	9	High	Jayaseelan R

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story points	Priority	Team Members
Sprint 3	View	USN-10	As a admin ,I can view the user details.	9	Medium	Manoj Kumar R
Sprint 4	Modify	USN-11	As a admin ,I can modify the user details	7	High	Berlin Suderson N
Sprint4	Maintain the Database	USN-12	As Administrator ,I can store the exact details of donor and recipient and also update the requesting detail and profiles.	4	High	Jagadeesh G

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	29Oct2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05Nov2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12Nov2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19Nov2022

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.