Project Planning Phase

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

Date	31 October 2022
Team ID	PNT2022TMID32045
Project Name	Project – 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	As a user, I can register for the application by entering my email, password, and confirming my password.	20	High	P. Ranjith Kumar M. Kirupanithi S. Prathiba K. Selva Brindha
Sprint-2	Login	USN-2	As a user, I can login into my account through the registered mail ID.	20	High	P. Ranjith Kumar M. Kirupanithi S. Prathiba K. Selva Brindha
Sprint-3	Donor Information	USN-3	As a user, I can fill the information like blood pressure, blood group, address, mobile number and other information.	20	Low	P. Ranjith Kumar M. Kirupanithi S. Prathiba K. Selva Brindha
Sprint-4	Finding the Donor	USN-4	The patient can find the donor by their blood groups, location.	20	Medium	P. Ranjith Kumar M. Kirupanithi S. Prathiba K. Selva Brindha
Sprint-5	Chatbot	USN-5	As a user, I can directly talk to the chatbot related to the donor information.	20	High	P. Ranjith Kumar M. Kirupanithi S. Prathiba K. Selva Brindha

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	30 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	05 Nov 2022	10 Nov 2022	20	10 Nov 2022
Sprint-4	20	4 Days	09 Nov 2022	14 Nov 2022	20	14 Nov 2022
Sprint-5	20	6 Days	15 Nov 2022	19 Nov 2022	20	15 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)

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