

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

Team ID	PNT2022TMID51780
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	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Rejisha Anchana
Sprint-1	Confirmation	USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Merishmaha Irin blessy
Sprint-2	Login	USN-3	As a user, I can log into the application by entering email & password	1	High	Irin blessy Pavithra merishmaha
Sprint-2	Donor profile	USN-4	As a donor, I can edit or modify my details in the profile	1	Medium	Pavithra Anchana
Sprint-3	Search	USN-5	As a user I can Search for the right donor	2	High	Anchana Rejisha Merish maha
Sprint-3	Notification	USN-6	As a user I can notify the donor by sending notification	2	High	Pavithra Irin blessy Merishmaha

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Dashboard	USN-7	An opensource application helps in connecting donor and recipient	1	Medium	Merishmaha Anchana Rejisha
Sprint-4	Clarify	USN-8	As a user I can ask my doubts in chatbot	2	High	Pavithra Irin blessy
Sprint -2	Donor list	USN-9	As a user I can view all the donor details	1	Medium	Anchana Rejisha Merish maha

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)

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