

Project Planning Phase

Project Planning Sprint Delivery plan

Date	18 November2022
Team ID	PNT2022TMID40063
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	Donor Registration	USN-1	As a user, I can register in the donor application by entering my name, phone no, Emailid, blood group, aadhar no	9	High	Team Lead
Sprint-1	Login	USN-2	As a admin, I can log into the application by entering email & password	9	High	Team Lead
Sprint-1	Chatbot	USN-3	As a user I can ask query in chatbot.	2	Medium	Team Lead
Sprint -2	Confimation	USN-4	As a user, I can receive confirmation mail.	4	Medium	Team Lead
Sprint -2	Dashboard	USN-5	As a user, I can view dashboard and select	5	Medium	Team Member 1
Sprint-2	View Donor List	USN-6	As a user, I can view all the donor list and contact them directly	9	High	Team Lead

Sprint-2	Search Donor	USN-7	As a user, I can search for the donor	9	Medium	Team Lead
Sprint-3	About us	USN-8	As a User, I can view the about us page which contains all contact information	5	Medium	Team Member 2
Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members

Sprint-3	Modify data	USN-9	As a admin, I can modify the User data.	9	High	Team Lead
Sprint-3	Send mail	USN-10	As a user, I can send mail to donors using sendgrid.	9	High	Team Lead Team Member 3 Team Member 1
Sprint-3	Home page	USN-11	As a user I can view the home page and select the desired option.	9	Medium	Team Lead Team Member 1 Team Member 2 Team Member 3
Sprint -4	Send Query	USN-12	As a user I can ask my query through email.	9	Medium	Team Lead Team Member 3
Sprint-4	Download data	USN-13	As a admin I can download the user data	9	High	Team Lead

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	5 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
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Velocity:

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

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)

Velocity:

$$AV=20/6=3.333\dots$$

$$\text{Sprint 1}(AV)= 3.34$$

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.

Burndown Chart

