

**Project Planning Phase**  
**Project Planning Template (Milestone and Activity list)**

Date	22 October 2022
Team ID	PNT2022TMID15338
Project Name	Plasma Donor Application
Maximum Marks	4 Marks

**Milestone and Activity list (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.	3	High	Abimanyu N K Gowrishankar J Jeeva R Kavin N
Sprint-1		USN-2	As a user, I will receive confirmation email or SMS once I have registered for the application	3	High	Abimanyu N K Gowrishankar J Jeeva R Kavin N
Sprint-2		USN-3	As a user, I can register for the application through Gmail and Phone Number.	2	Medium	Abimanyu N K Gowrishankar J Jeeva R Kavin N
Sprint-2	Login	USN-4	As a user, I can log into the application by entering email or phone number & password	3	High	Abimanyu N K Gowrishankar J Jeeva R Kavin N
Sprint-3	Dashboard	USN-5	As a user, I can be allowed to choose the three options like Donor, Recipient and Hospital In-Charge.	2	Medium	Abimanyu N K Gowrishankar J Jeeva R Kavin N
Sprint-3	Donor's Page	USN-6	As a Donor, I can enter my details and check my eligibility, and book my slot for donation	3	High	Abimanyu N K Gowrishankar J Jeeva R Kavin N
Sprint-3	Recipient's Page	USN-7	As a Recipient, I can enter my details and book my slot in a hospital as any nearby.	3	High	Abimanyu N K Gowrishankar J Jeeva R Kavin N
Sprint-3	Hospital In-Charge Page	USN-8	As a Hospital In-Charge, I can enter my details and hospital details as per the conditions.	3	High	Abimanyu N K Gowrishankar J Jeeva R Kavin N
Sprint-4	Connecting them	USN-9	Connecting the Hospital In-Charge with donor with an E-mail.	2	Medium	Abimanyu N K Gowrishankar J Jeeva R Kavin N
Sprint-4	Connecting them	USN-10	Connecting the Hospital In-Charge with recipient with an E-mail.	2	Medium	Abimanyu N K Gowrishankar J Jeeva R Kavin N
Sprint-4	At last feedback page	USN-11	Finally, all users enter their feedback and receive feedbacks and issues.	1	Low	Abimanyu N K Gowrishankar J Jeeva R Kavin N

**Project Planning Phase**  
**Project Planning Template (Sprint Delivery Plan)**

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Project Name	Plasma Donor Application
Maximum Marks	4 Marks

**Sprint Delivery Plan: (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	6	6 Days	24 Oct 2022	29 Oct 2022	6	29 Oct 2022
Sprint-2	5	6 Days	31 Oct 2022	05 Nov 2022	5	05 Nov 2022
Sprint-3	11	6 Days	07 Nov 2022	12 Nov 2022	11	12 Nov 2022
Sprint-4	5	6 Days	14 Nov 2022	19 Nov 2022	5	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)

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

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)	Average Velocity (AV)
Sprint-1	6	6 Days	24 Oct 2022	29 Oct 2022	6	29 Oct 2022	4
Sprint-2	5	6 Days	31 Oct 2022	05 Nov 2022	5	05 Nov 2022	4.8
Sprint-3	11	6 Days	07 Nov 2022	12 Nov 2022	11	12 Nov 2022	2.182
Sprint-4	5	6 Days	14 Nov 2022	19 Nov 2022	5	19 Nov 2022	4.8

Total No of Days = 6+6+6+6 = 24 Days

Total Story Points = 6+5+11+5 = 27 Points

Average Velocity Per Sprint = 27/24 = 1.125

### 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

