

## Project Planning Phase

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

Date	05 November 2022
Team ID	PNT2022TMID04368
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-1	Donor Registration	USN-1	I can sign up as a user on the donor app by providing my name, phone number, email address, blood type, and Aadhar number.	9	High	Team Lead
Sprint-1	Login	USN-2	I can access the application as an administrator by entering my email and password.	8	High	Team Lead
Sprint-1	Chatbot	USN-3	I can pose queries to chatbots as a user.	3	Medium	Team Lead
Sprint -2	Confirmation	USN-4	I can receive confirmation mail as a user.	2	Medium	Team Lead
Sprint - 2	Dashboard	USN-5	As a user, I can view dashboard and select	3	Medium	Team Member 1
<b>Sprint</b>	<b>Functional Requirement (Epic)</b>	<b>User Story Number</b>	<b>User Story / Task</b>	<b>Story Points</b>	<b>Priority</b>	<b>Team Members</b>
Sprint-2	View Donor List	USN-6	As a user, I can view all the donor list and contact them directly	8	High	Team Lead
Sprint-2	Search Donor	USN-7	As a user, I can search for the donor	7	Medium	Team Lead
Sprint-3	About us	USN-8	As a User, I can view the about us page which contains all contact information	4	Medium	Team Member 2

<b>Sprint</b>	<b>Functional Requirement (Epic)</b>	<b>User Story Number</b>	<b>User Story / Task</b>	<b>Story Points</b>	<b>Priority</b>	<b>Team Members</b>
---------------	--------------------------------------	--------------------------	--------------------------	---------------------	-----------------	---------------------

Sprint-3	Modify data	USN-9	As a admin, I can modify the User data.	8	High	Team Lead
Sprint-3	Send mail	USN-10	As a user, I can send mail to donors using sendgrid.	8	High	Team Lead Team Member 3 Team Member 1
Sprint-4	Home page	USN-11	As a user I can view the home page and select the desired option.	3	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	8	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	4 Days	04 Nov 2022	07 Nov 2022		
Sprint-2	20	4 Days	08 Nov 2022	11 Nov 2022		
Sprint-3	20	4 Days	12 Nov 2022	15 Nov 2022		
Sprint-4	20	4 Days	16 Nov 2022	19 Nov 2022		

#### Velocity:

Imagine we have a 4-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)

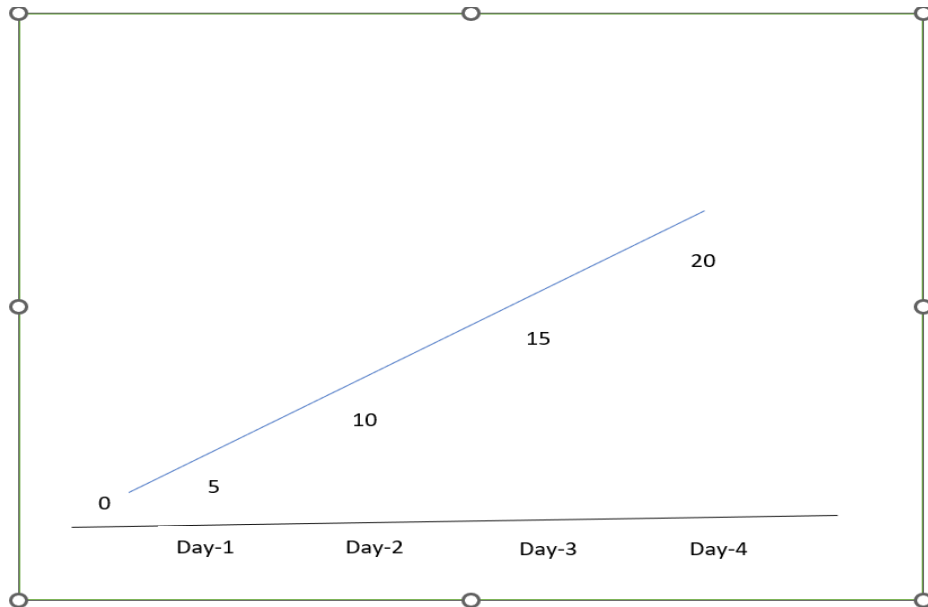
$$\text{Average Velocity} = \text{Sprint Duration} / \text{Velocity}$$

$$AV = 20 / 4$$

$$AV = 5$$

### Burndown Chart:

A burndown 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:

A burndown 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.