

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

Date	22 October 2022
Team ID	PNT2022TMID46887
Project Name	Project - Plasma Donor App
Maximum Marks	8 Marks

**Product Backlog, Sprint Schedule, and Estimation (4 Marks)**

Use the below template to create product backlog and sprint schedule

<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>
<b>Sprint-1</b>	Registration	USN-1	As a user, I can register for the web app by entering my email, password, and confirming my password.	20	High	1.BENYAMIN.V 2.PRAVINRAJ.K 3.KAMALAVENTHAN.K 4.JOTHIKIRISHNAN.J
<b>Sprint-2</b>	Login	USN-2	As a user,I can log into the application by entering email &	20	High	1.BENYAMIN.V 2.PRAVINRAJ.K 3.KAMALAVENTHAN.K 4.JOTHIKIRISHNAN.J

			password.			
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<b>Sprint-3</b>	Donor Information	USN-3	Donors can update their personal information eg:blood group,.	20	High	1.BENYAMIN.V 2.PRAVINRAJ.K 3.KAMALAVENTHAN.K 4.JOTHIKIRISHNAN.J
<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>
<b>Sprint-4</b>	Finding the donor	USN-4	The patient can find the donor with their similar blood group	20	High	1.BENYAMIN.V 2.PRAVINRAJ.K 3.KAMALAVENTHAN.K 4.JOTHIKIRISHNAN.J

**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)
<b>Sprint-1</b>	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
<b>Sprint-2</b>	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
<b>Sprint-3</b>	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
<b>Sprint-4</b>	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)

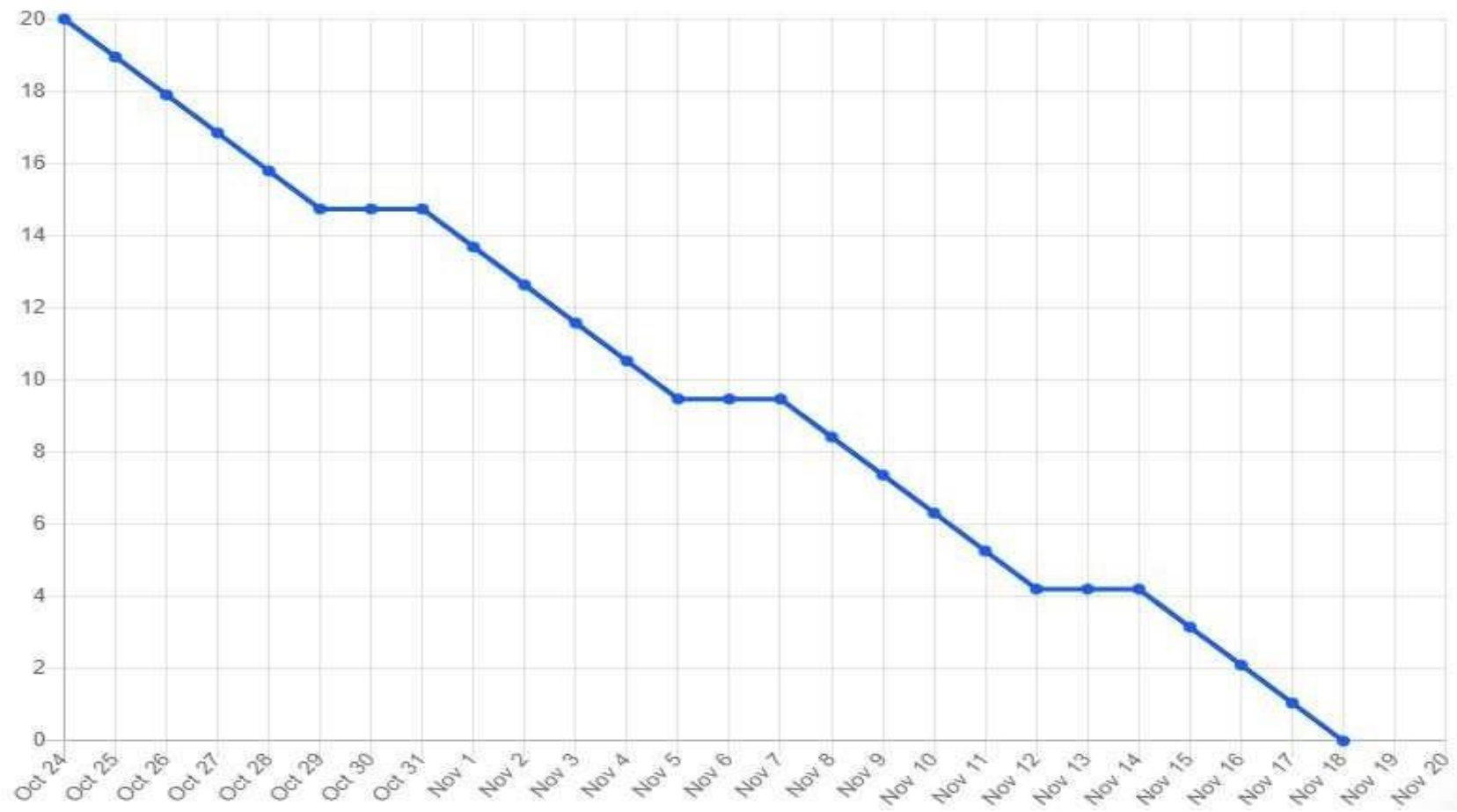
$$AV = \frac{\textit{sprint duration}}{\textit{velocity}} = \frac{20}{10} = 2$$

<b>Sprint-1</b>	6.5
<b>Sprint-2</b>	8
<b>Sprint-3</b>	7.6
<b>Sprint-4</b>	8.5

### **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



ROAD MAP:

		NOV
Sprints		
⚡ PLASMA-2 Registration	<div></div>	
⚡ PLASMA-3 Login		<div></div>
⚡ PLASMA-4 Dashboard		<div></div>
⚡ PLASMA-5 Dashboard		<div></div>
⚡ PLASMA-6 Registration		<div></div>
⚡ PLASMA-7 Dashboard		<div></div>