

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

Team ID	PNT2022TMID31865
Project Name	Project - 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

<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.Mithun Kumar N 2.Mohan Prasath M 3.Mohanprasanth S 4.Banu Prakash M K 5.Tarunika Reddy D
<b>Sprint-2</b>	Login	USN-2	As a user, I can log into the application by entering email & password.	20	High	1.Mithun Kumar N 2.Mohan Prasath M 3.Mohanprasanth S 4.Banu Prakash M K 5.Tarunika Reddy D
<b>Sprint-3</b>	Donor Information	USN-3	Donors can update their personal information e.g.: blood group.	20	High	1.Mithun Kumar N 2.Mohan Prasath M 3.Mohanprasanth S 4.Banu Prakash M K 5.Tarunika Reddy D

<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.Mithun Kumar N 2.Mohan Prasath M 3.Mohanprasanth S 4.Banu Prakash M K 5.Tarunika Reddy D

**Project Tracker, Velocity (4 Marks)**

<b>Sprint</b>	<b>Total Story Points</b>	<b>Duration</b>	<b>Sprint Start Date</b>	<b>Sprint End Date (Planned)</b>	<b>Story Points Completed (as on Planned End Date)</b>
<b>Sprint-1</b>	20	3 Days	24 Oct 2022	26 Oct 2022	20
<b>Sprint-2</b>	20	3 Days	27 Oct 2022	30 Oct 2022	20
<b>Sprint-3</b>	20	6 Days	31 Oct 2022	5 Nov 2022	20
<b>Sprint-4</b>	20	6 Days	06 Nov 2022	12 Nov 2022	20

**Velocity:**

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

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)

