

Project Planning Phase

Sprint Delivery Plan

Milestone & Activity List

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

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint1	Donor Registration	USN-1	As a donor, I can register for the application by entering my email, password, and confirming my password and plasma details	1	High	A.Gnana Abina
Sprint2	Donor Confirmation	USN-2	As a donor, I will receive confirmation email once I have registered for the application.	3	High	C.Ashika
Sprint1	Donor Login	USN-3	As a donor, I can login into the application through email and password.	1	High	M.Geetha
Sprint2	Recipient Registration	USN-4	As a recipient, I can register for the application	2	High	M.Indhuja

			by entering the required details			
Sprint2	Recipient Login	USN-5	As a recipient, I can login into the application through email and password	1	High	A.Gnana Abina
Sprint3	Request Notification	USN-6	As a recipient, I can send request to the donors by notifying them at the right time	3	High	C.Ashika
Sprint4	Response from Donor	USN-7	As a recipient, I can receive response from donors.	3	High	M.Geetha
Sprint4	Dashboard	USN-8	As a donor, I can see the information about application.	2	Medium	M.Indhuja

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	12	6 Days	3 Nov 2022	9 Nov 2022	12	9 Nov 2022
Sprint-2	12	6 Days	11 Nov 2022	17 Nov 2022	12	17 Nov 2022
Sprint-3	12	6 Days	19 Nov 2022	25 Nov 2022	12	25 Nov 2022
Sprint-4	12	6 Days	26 Nov 2022	2 Dec 2022	12	2 Dec 2022

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
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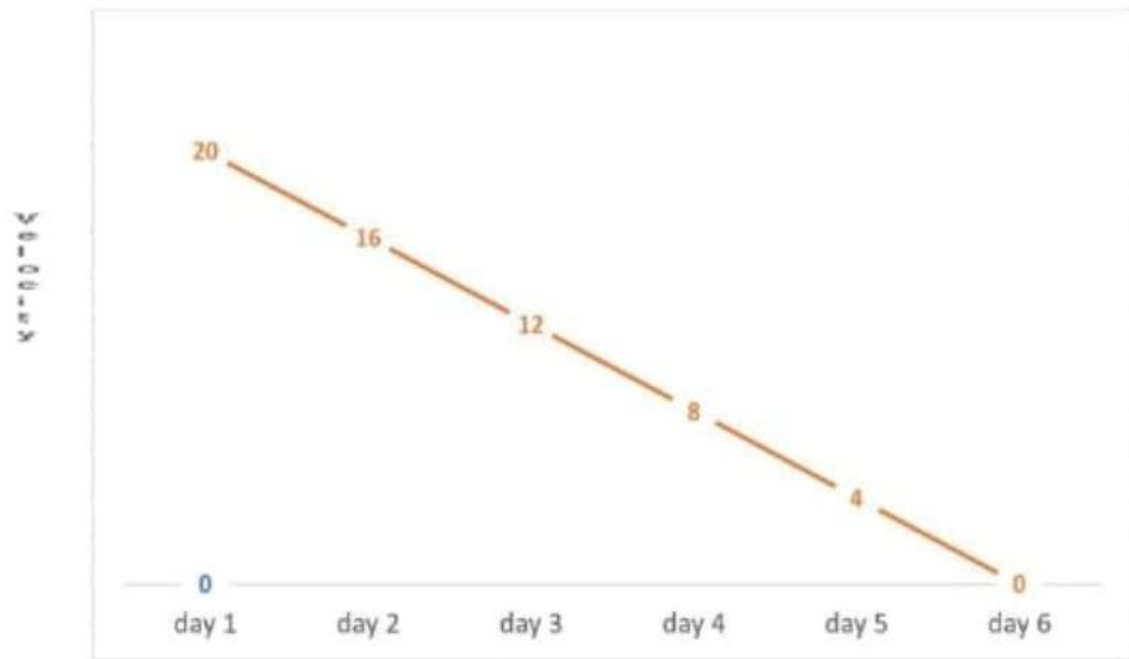
Velocity:

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)

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

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.



Sprint duration